

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX112120\
 Data File : VX019490.D
 Acq On : 20 Nov 2020 10:30
 Operator : JC/MD
 Sample : VSTDIC020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

Manual Integrations
 APPROVED

MMDadoda
 11/23/2020 3:50:32 PM

Quant Time: Nov 21 01:49:05 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112120W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 21 01:38:04 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	249429	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	414135	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	397367	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	192519	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	56854	17.58	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	35.16%#
35) Dibromofluoromethane	5.46	113	45092	17.35	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	34.70%#
50) Toluene-d8	8.70	98	180702	17.89	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	35.78%#
62) 4-Bromofluorobenzene	11.12	95	64523	17.75	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	35.50%#

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.18	85	46180	19.039	ug/l 99
3) Chloromethane	1.31	50	53409	19.188	ug/l 98
4) Vinyl Chloride	1.39	62	56099	18.723	ug/l 100
5) Bromomethane	1.62	94	22226	19.584	ug/l 95
6) Chloroethane	1.70	64	19797	23.881	ug/l 97
7) Trichlorofluoromethane	1.90	101	79518	18.387	ug/l 98
8) Diethyl Ether	2.17	74	32683	18.871	ug/l 100
9) 1,1,2-Trichlorotrifluoroet	2.35	101	44631	18.499	ug/l 98
10) Methyl Iodide	2.48	142	57150	18.031	ug/l 99
11) Tert butyl alcohol	3.04	59	63330	103.472	ug/l 99
12) 1,1-Dichloroethene	2.35	96	44900	18.132	ug/l 93
13) Acrolein	2.28	56	37395	90.894	ug/l 100
14) Allyl chloride	2.70	41	68267	17.598	ug/l 99
15) Acrylonitrile	3.12	53	135858	94.122	ug/l 99
16) Acetone	2.43	43	117971	94.326	ug/l 100
17) Carbon Disulfide	2.54	76	115473	17.358	ug/l 100
18) Methyl Acetate	2.75	43	56140	17.402	ug/l 96
19) Methyl tert-butyl Ether	3.17	73	156555	18.315	ug/l 99
20) Methylene Chloride	2.83	84	56465	18.063	ug/l 98
21) trans-1,2-Dichloroethene	3.14	96	50340	17.942	ug/l 94
22) Diisopropyl ether	3.82	45	147822	18.420	ug/l 95
23) Vinyl Acetate	3.78	43	627699	93.250	ug/l 99
24) 1,1-Dichloroethane	3.67	63	90657	18.469	ug/l 99
25) 2-Butanone	4.64	43	184465	98.185	ug/l 98
26) 2,2-Dichloropropane	4.55	77	76646	17.889	ug/l 100
27) cis-1,2-Dichloroethene	4.56	96	59359	18.418	ug/l 98
28) Bromochloromethane	4.98	49	43421	18.502	ug/l 98
29) Tetrahydrofuran	5.09	42	110128	91.871	ug/l 100
30) Chloroform	5.17	83	93922	18.299	ug/l 98
31) Cyclohexane	5.54	56	75281	17.897	ug/l 98
32) 1,1,1-Trichloroethane	5.46	97	81965	18.591	ug/l 99
36) 1,1-Dichloropropene	5.76	75	67484	17.381	ug/l 98
37) Ethyl Acetate	4.80	43	69212	18.989	ug/l 100
38) Carbon Tetrachloride	5.75	117	67266	17.899	ug/l 95

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.43	83	78825	17.437	ug/l	98
40) Benzene	6.11	78	215455	18.061	ug/l	100
41) Methacrylonitrile	5.00	41	37373	18.594	ug/l	98
42) 1,2-Dichloroethane	6.16	62	74926	18.325	ug/l	99
43) Isopropyl Acetate	6.42	43	109987	17.951	ug/l	100
44) Trichloroethene	7.19	130	56390	18.047	ug/l	98
45) 1,2-Dichloropropane	7.49	63	54305	18.492	ug/l	98
46) Dibromomethane	7.63	93	36445	18.132	ug/l	100
47) Bromodichloromethane	7.87	83	70804	18.154	ug/l	99
48) Methyl methacrylate	7.74	41	53510	18.648	ug/l	99
49) 1,4-Dioxane	7.72	88	25526	391.791	ug/l	100
51) 4-Methyl-2-Pentanone	8.62	43	350768	98.175	ug/l	100
52) Toluene	8.76	92	138314	18.953	ug/l	97
53) t-1,3-Dichloropropene	9.02	75	77586	18.419	ug/l	98
54) cis-1,3-Dichloropropene	8.41	75	85420	18.274	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	56698	19.077	ug/l	97
56) Ethyl methacrylate	9.16	69	79727	18.958	ug/l	99
57) 1,3-Dichloropropane	9.35	76	94284	18.948	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.29	63	228018	92.532	ug/l	100
59) 2-Hexanone	9.48	43	269474	99.446	ug/l	100
60) Dibromochloromethane	9.56	129	54814	18.829	ug/l	97
61) 1,2-Dibromoethane	9.65	107	58853	19.211	ug/l	99
64) Tetrachloroethene	9.32	164	55578	17.793	ug/l	96
65) Chlorobenzene	10.12	112	147182	18.015	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.20	131	53248	17.918	ug/l	98
67) Ethyl Benzene	10.23	91	258661	18.072	ug/l	99
68) m/p-Xylenes	10.34	106	197913	37.116	ug/l	98
69) o-Xylene	10.68	106	93338	18.311	ug/l	98
70) Styrene	10.69	104	156231	18.464	ug/l	100
71) Bromoform	10.84	173	37849	17.418	ug/l #	98
73) Isopropylbenzene	11.00	105	248965	18.694	ug/l	100
74) N-amyl acetate	10.88	43	89353	17.905	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	85967	18.050	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	78491m	18.682	ug/l	
77) Bromobenzene	11.24	156	61008	17.944	ug/l	98
78) n-propylbenzene	11.34	91	283294	18.542	ug/l	100
79) 2-Chlorotoluene	11.40	91	172866	18.656	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	212821	19.049	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.05	75	23709	16.600	ug/l	92
82) 4-Chlorotoluene	11.49	91	202389	18.555	ug/l	99
83) tert-Butylbenzene	11.76	119	197624	18.284	ug/l	100
84) 1,2,4-Trimethylbenzene	11.79	105	212881	18.832	ug/l	99
85) sec-Butylbenzene	11.93	105	241435	18.776	ug/l	99
86) p-Isopropyltoluene	12.05	119	217943	18.668	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	114444	18.329	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	115720	17.993	ug/l	99
89) n-Butylbenzene	12.37	91	189896	17.992	ug/l	99
90) Hexachloroethane	12.58	117	35017	17.925	ug/l	99
91) 1,2-Dichlorobenzene	12.38	146	112852	17.995	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	17177	17.679	ug/l	99

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ClientSampleId :
VSTDICC020

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Quant Title : SW846 8260
QLast Update : Sat Nov 21 01:38:04 2020
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	70634	17.544	ug/l	98
94) Hexachlorobutadiene	13.76	225	31252	17.040	ug/l	99
95) Naphthalene	13.82	128	227871	18.282	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	72455	17.991	ug/l	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

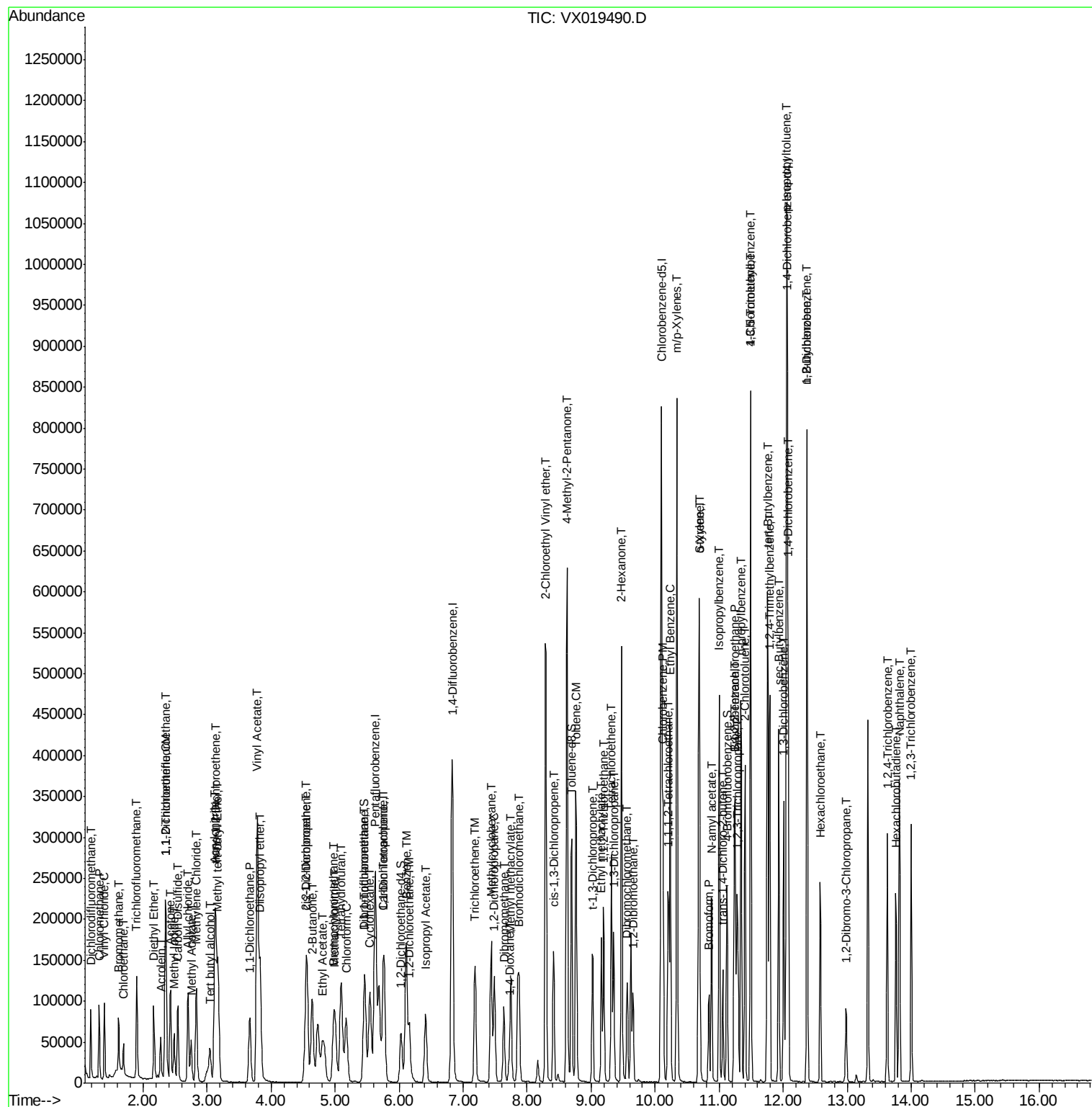
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 Data File : VX019490.D
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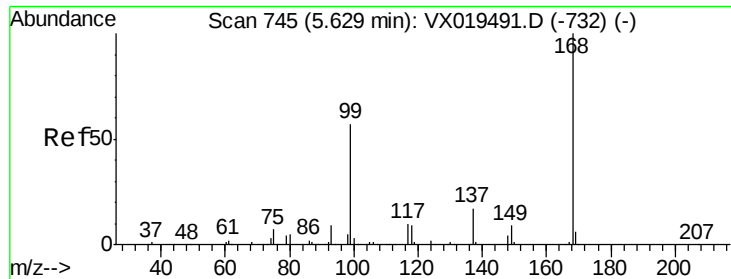
Instrument :
 MSVOA_X
 Client Sample ID :
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.00 min

Lab File: VX019490.D

Acq: 20 Nov 2020 10:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tot Ion:168 Resp: 249429

Ion Ratio Lower Upper

168 100

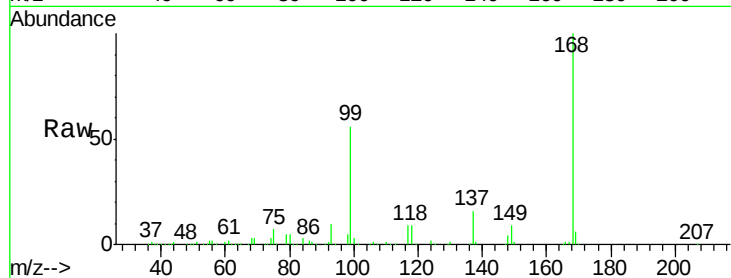
99 55.9 45.8 68.6

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

100000

80000

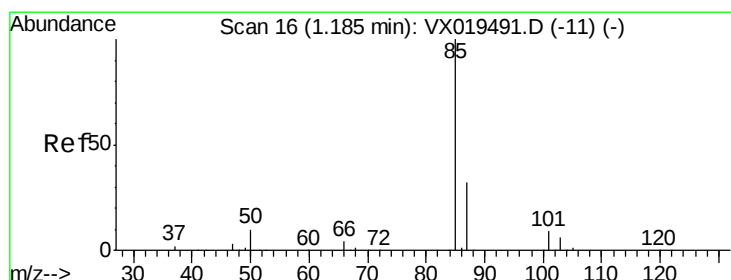
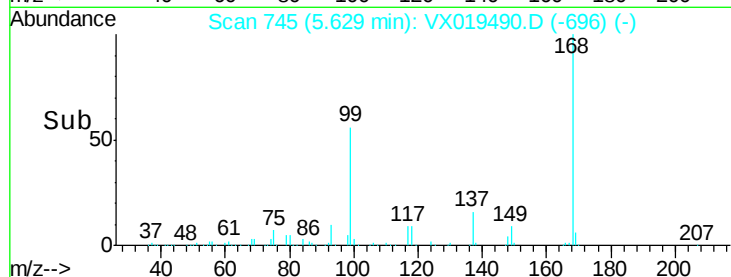
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 19.039 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX019490.D

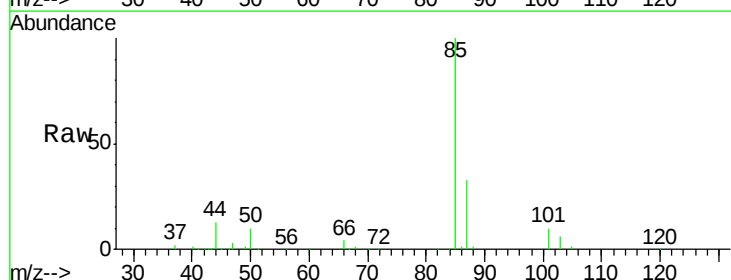
Acq: 20 Nov 2020 10:30

Tgt Ion: 85 Resp: 46180

Ion Ratio Lower Upper

85 100

87 32.6 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.18

50000

40000

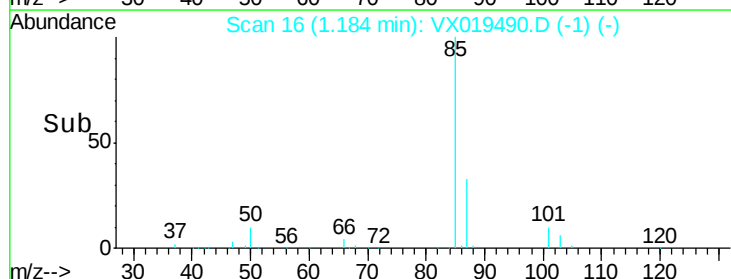
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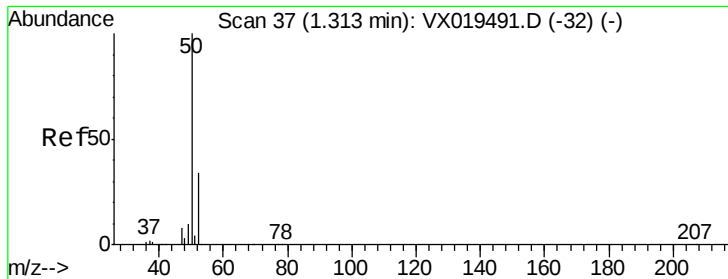
20000

10000

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Time-->





#3

Chloromethane

Concen: 19.188 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX019490.D

Acq: 20 Nov 2020 10:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tot Ion: 50 Resp: 53409

Ion Ratio Lower Upper

50 100

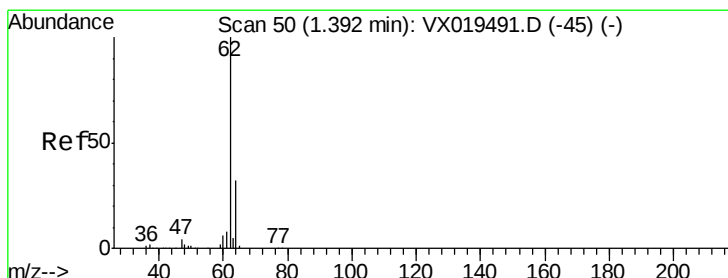
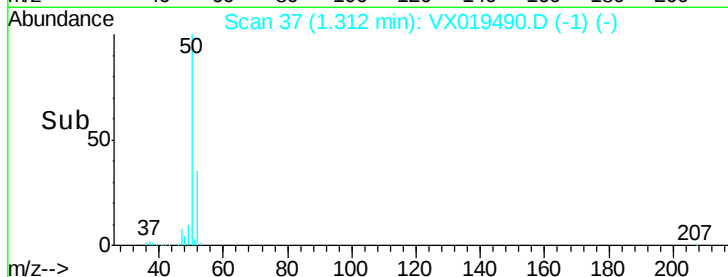
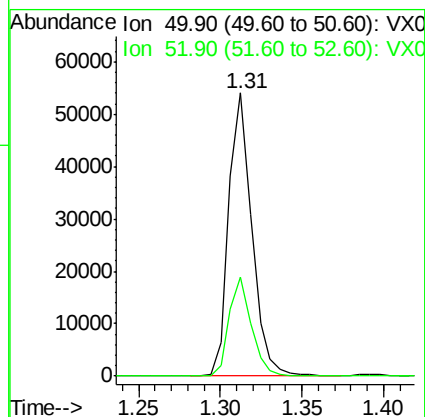
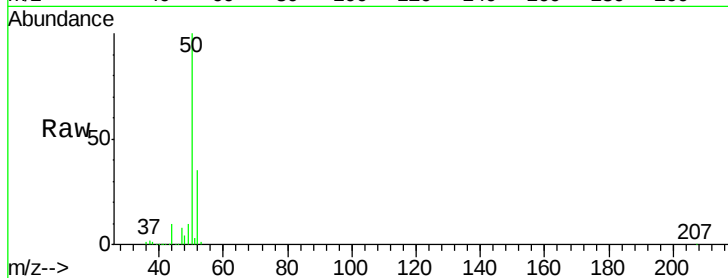
52 35.1 27.0 40.6

Manual Integrations

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11/23/2020 3:50:32 PM



#4

Vinyl Chloride

Concen: 18.723 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX019490.D

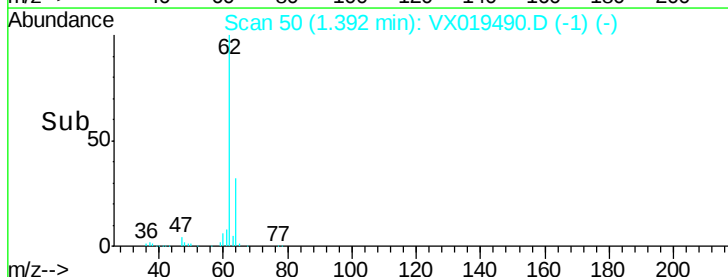
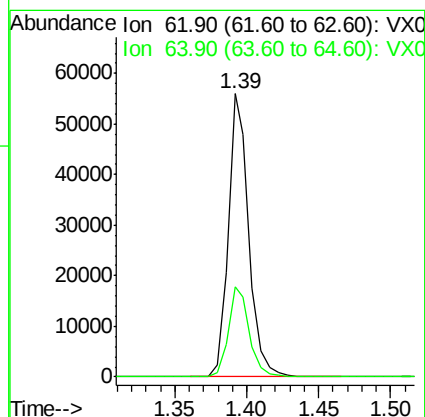
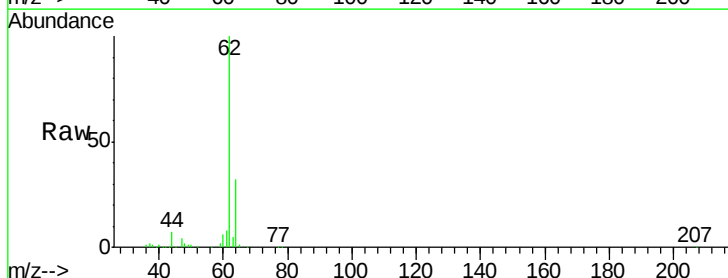
Acq: 20 Nov 2020 10:30

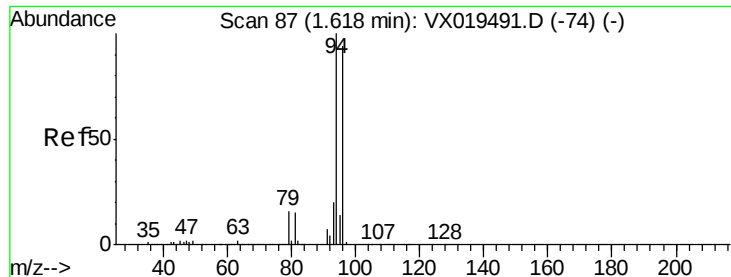
Tgt Ion: 62 Resp: 56099

Ion Ratio Lower Upper

62 100

64 31.8 25.4 38.2





#5

Bromomethane

Concen: 19.584 ug/l

RT: 1.62 min Scan# 87

Delta R.T. -0.00 min

Lab File: VX019490.D

Acq: 20 Nov 2020 10:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tot Ion: 94 Resp: 22226

Ion Ratio Lower Upper

94 100

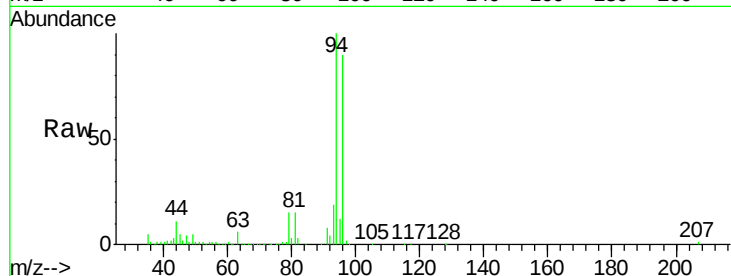
96 89.9 75.6 113.4

Manual Integrations

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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.62

25000

20000

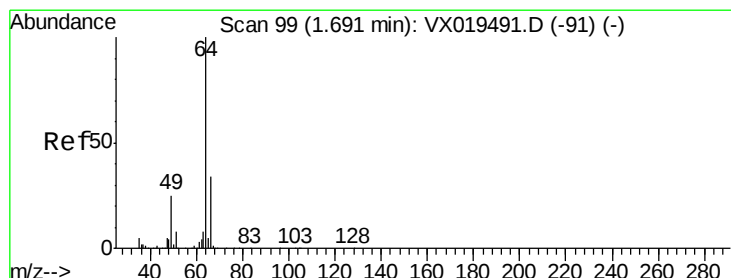
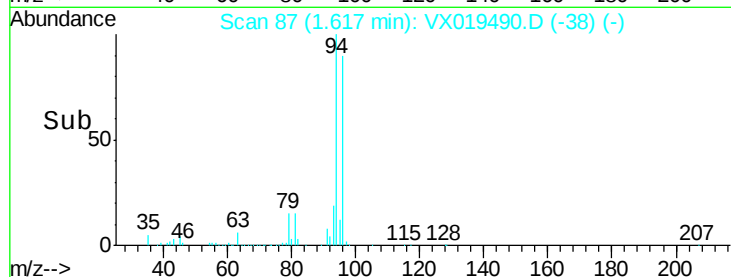
15000

10000

5000

0

Time-->



#6

Chloroethane

Concen: 23.881 ug/l

RT: 1.70 min Scan# 100

Delta R.T. 0.01 min

Lab File: VX019490.D

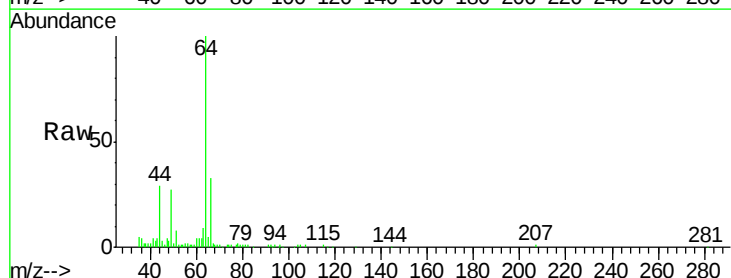
Acq: 20 Nov 2020 10:30

Tgt Ion: 64 Resp: 19797

Ion Ratio Lower Upper

64 100

66 32.1 27.1 40.7



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.70

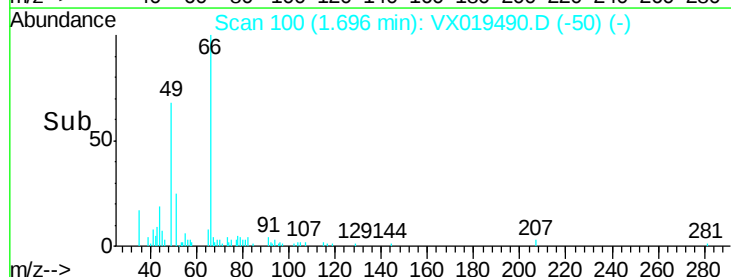
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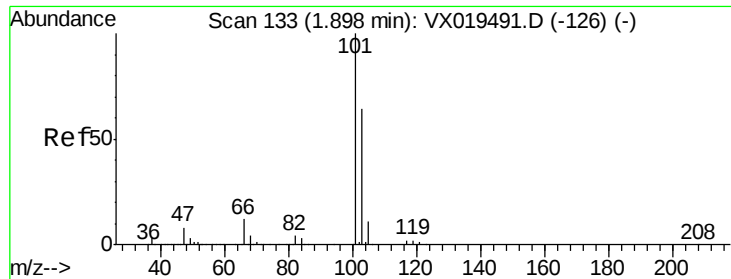
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5000

0

Time-->





#7

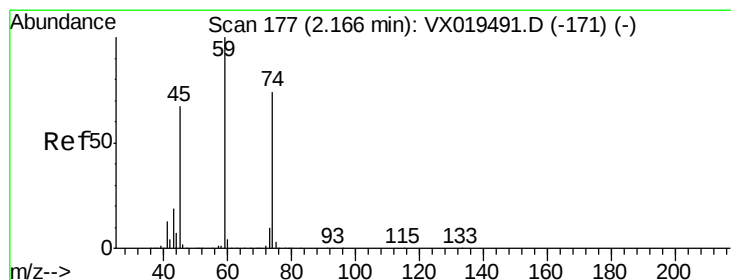
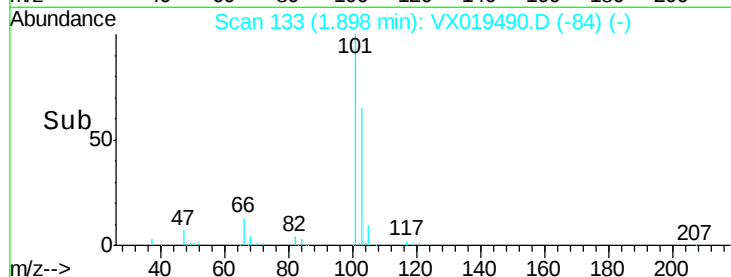
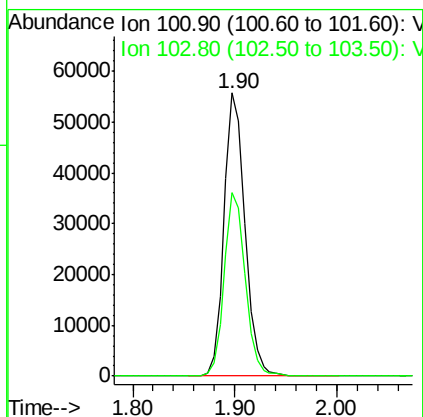
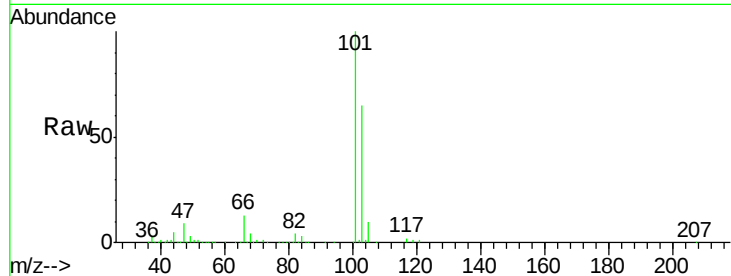
Trichlorofluoromethane
Concen: 18.387 ug/l
RT: 1.90 min Scan# 133
Delta R.T. -0.00 min
Lab File: VX019490.D
Acq: 20 Nov 2020 10:30

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Tot Ion	Ratio	Lower	Upper
101	100		
103	64.8	50.9	76.3

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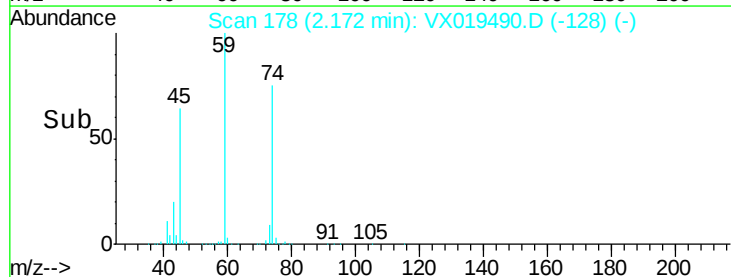
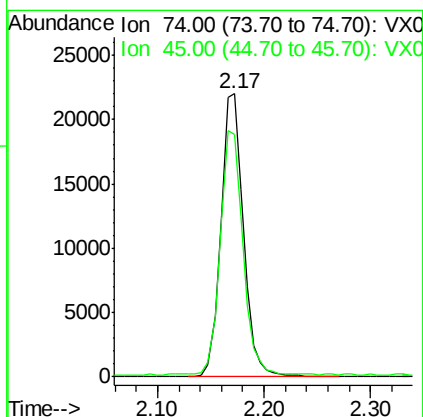
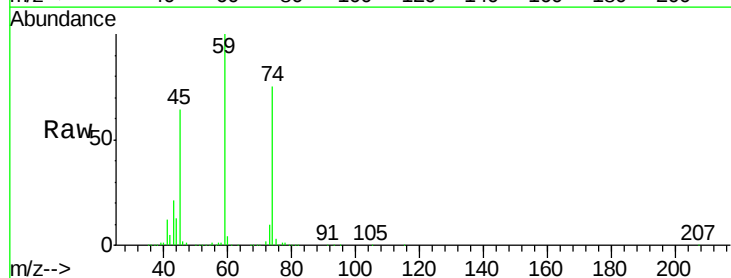
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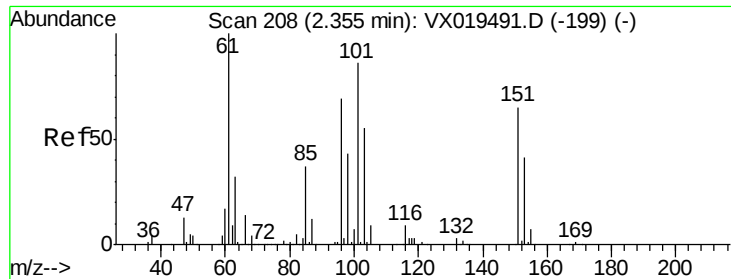


#8

Diethyl Ether
Concen: 18.871 ug/l
RT: 2.17 min Scan# 178
Delta R.T. 0.01 min
Lab File: VX019490.D
Acq: 20 Nov 2020 10:30

Tgt Ion	Ratio	Lower	Upper
74	100		
45	88.4	44.4	133.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.499 ug/l

RT: 2.35 min Scan# 208

Delta R.T. -0.00 min

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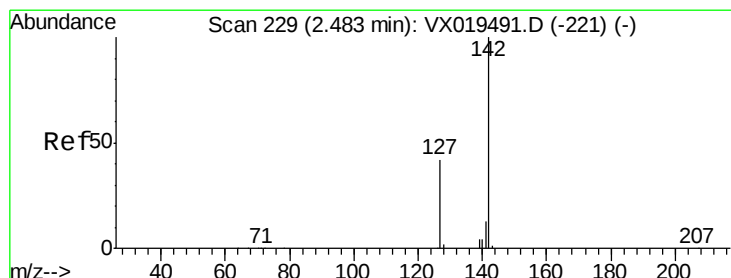
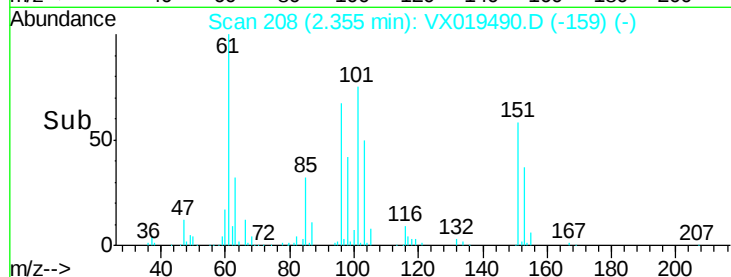
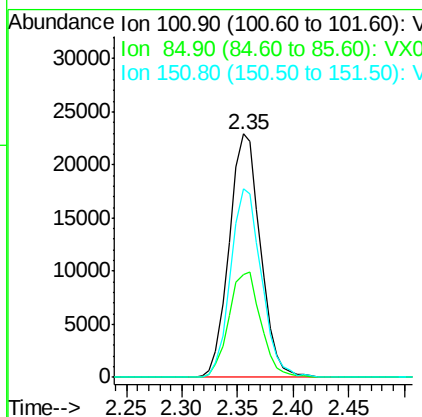
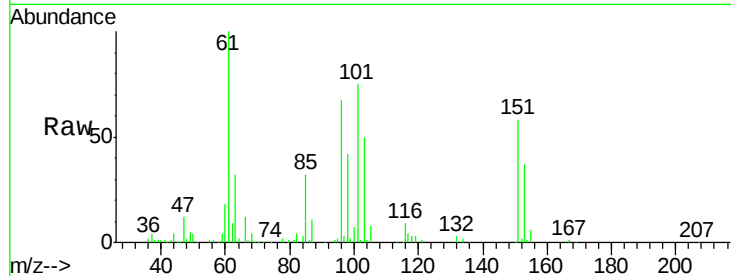
ClientSampleId :

VSTDIC020

Tot Ion:	101	Resp:	44631
Ion Ratio	Lower	Upper	
101	100		
85	44.2	33.9	50.9
151	76.8	60.9	91.3

Manual Integrations
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#10

Methyl Iodide

Concen: 18.031 ug/l

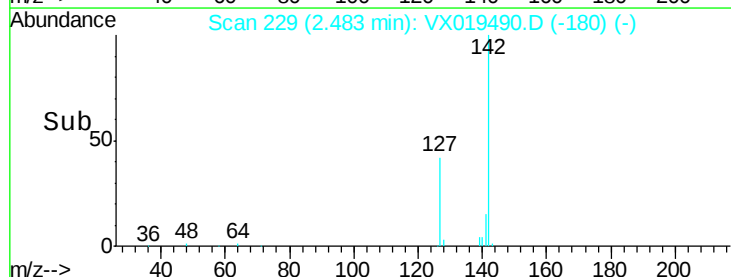
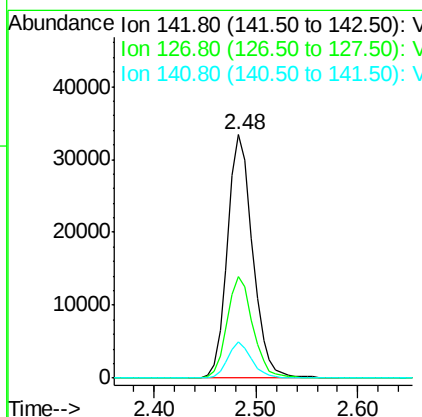
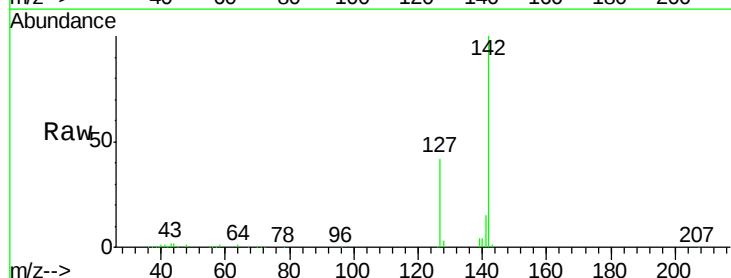
RT: 2.48 min Scan# 229

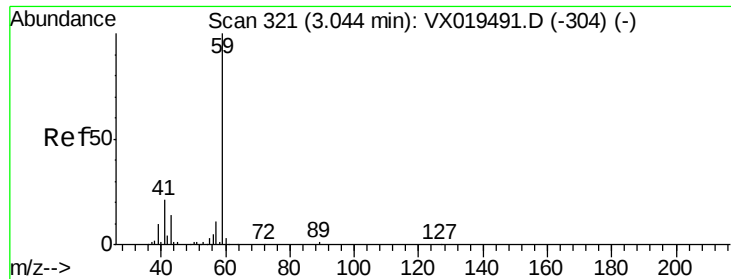
Delta R.T. -0.00 min

Lab File: VX019490.D

Acq: 20 Nov 2020 10:30

Tgt Ion:	142	Resp:	57150
Ion Ratio	Lower	Upper	
142	100		
127	42.5	33.8	50.6
141	14.1	11.0	16.6





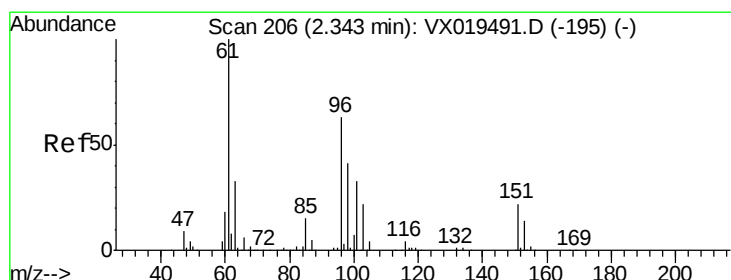
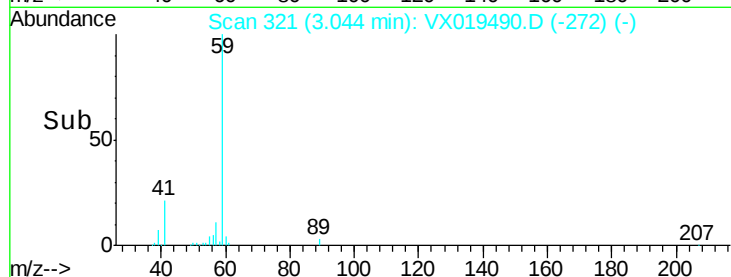
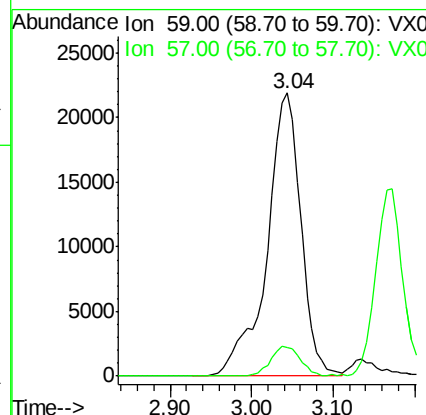
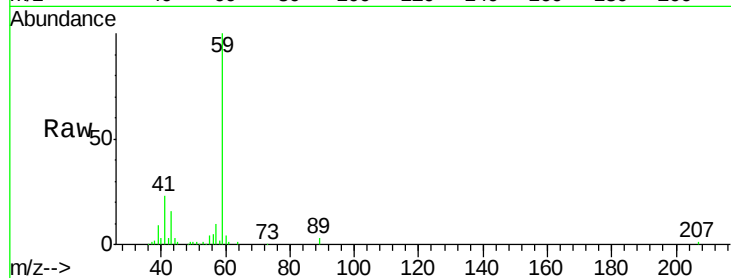
#11
Tert butyl alcohol
Concen: 103.472 ug/l
RT: 3.04 min Scan# 321
Delta R.T. -0.00 min
Lab File: VX019490.D
Acq: 20 Nov 2020 10:30

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Lower	Upper
59	100		
57	9.4	7.9	11.9

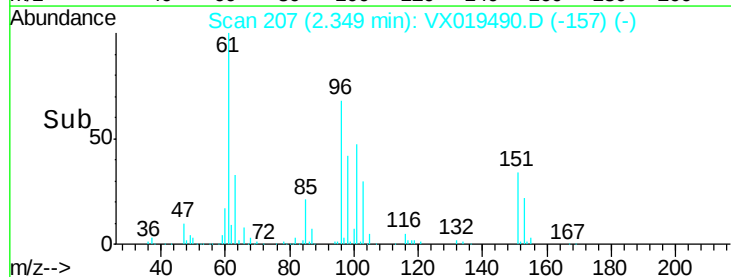
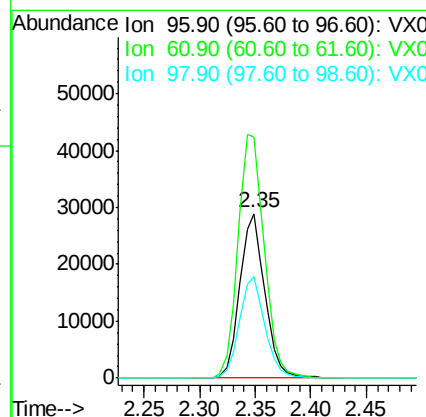
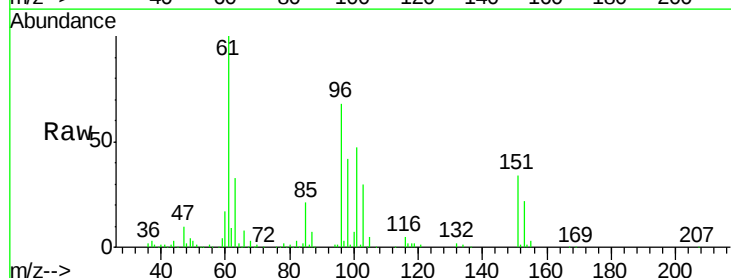
Manual Integrations
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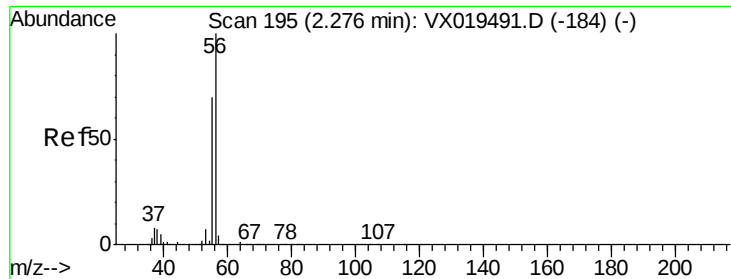
MMDadoda
11/23/2020 3:50:32 PM



#12
1,1-Dichloroethene
Concen: 18.132 ug/l
RT: 2.35 min Scan# 207
Delta R.T. 0.01 min
Lab File: VX019490.D
Acq: 20 Nov 2020 10:30

Tgt Ion	Ratio	Lower	Upper
96	100		
61	147.0	126.0	189.0
98	61.9	52.0	78.0





#13

Acrolein

Concen: 90.894 ug/l

RT: 2.28 min Scan# 195

Delta R.T. -0.00 min

Lab File: VX019490.D

Acq: 20 Nov 2020 10:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tot Ion: 56 Resp: 37395

Ion Ratio Lower Upper

56 100

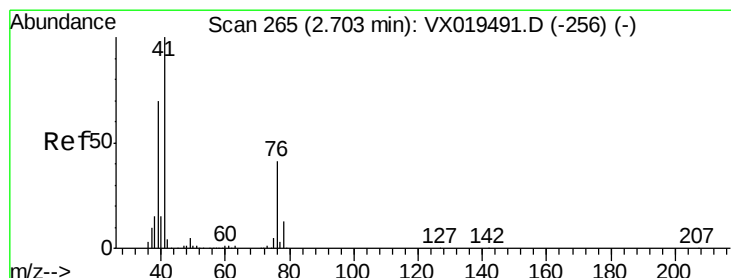
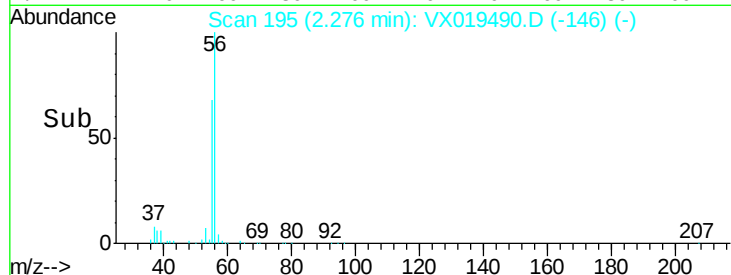
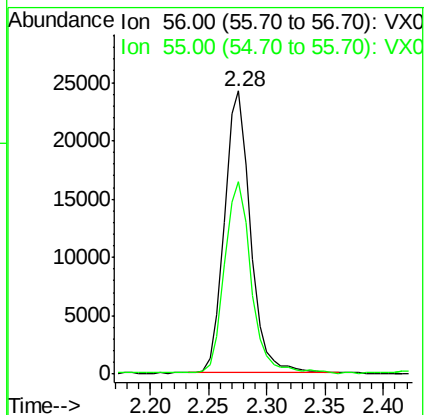
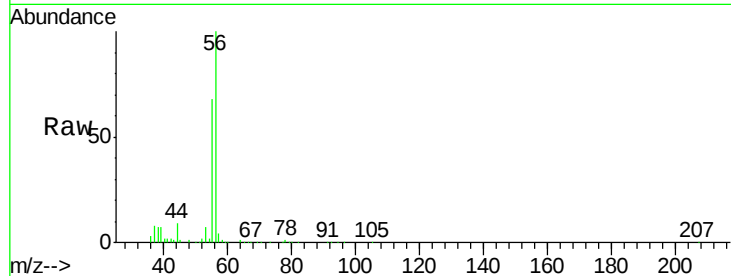
55 69.6 55.5 83.3

Manual Integrations

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#14

Allyl chloride

Concen: 17.598 ug/l

RT: 2.70 min Scan# 265

Delta R.T. -0.00 min

Lab File: VX019490.D

Acq: 20 Nov 2020 10:30

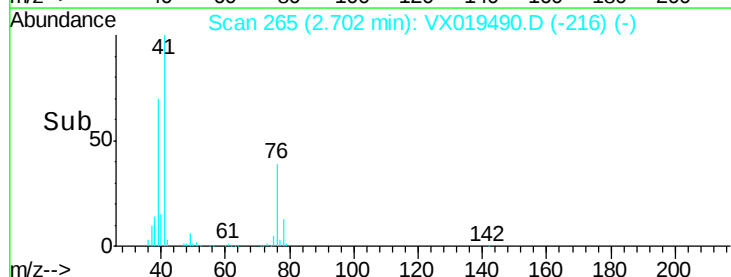
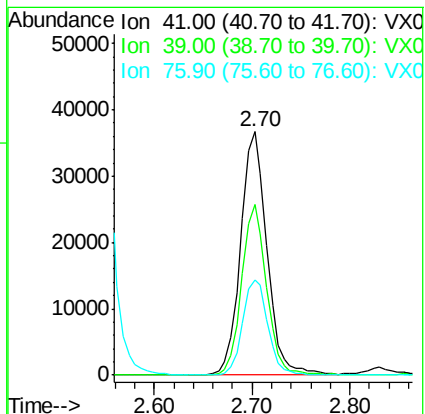
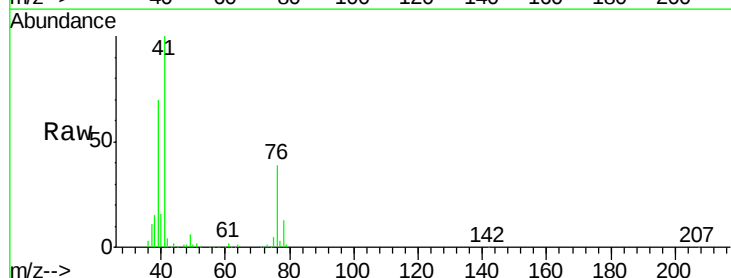
Tgt Ion: 41 Resp: 68267

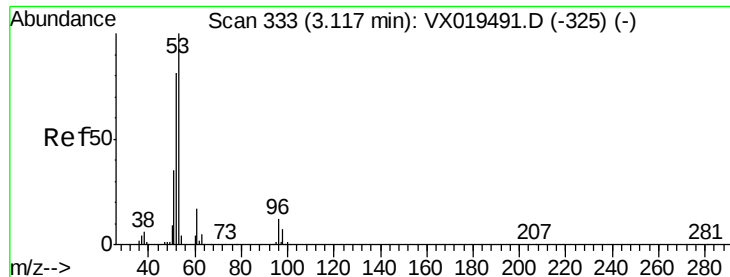
Ion Ratio Lower Upper

41 100

39 66.7 53.0 79.4

76 38.0 31.0 46.6





#15

Acrylonitrile

Concen: 94.122 ug/l

RT: 3.12 min Scan# 333

Delta R.T. -0.00 min

Lab File: VX019490.D

Acq: 20 Nov 2020 10:30

Instrument :

MSVOA_X

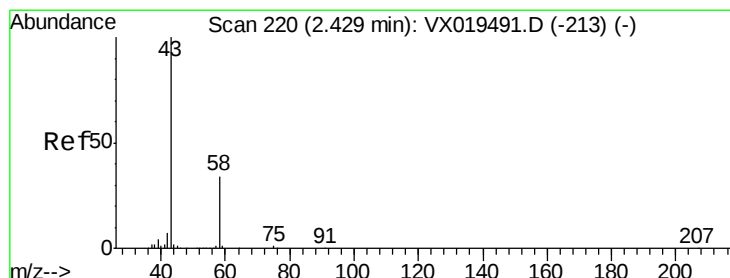
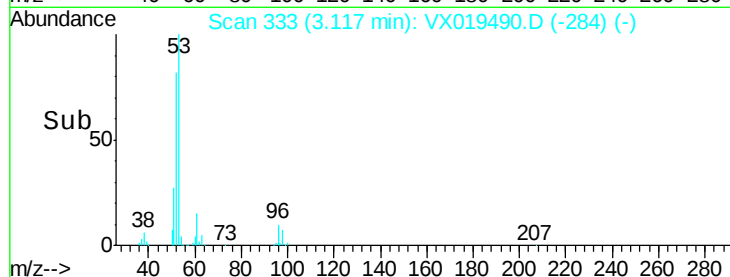
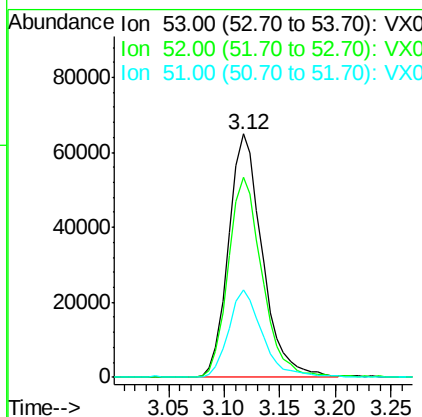
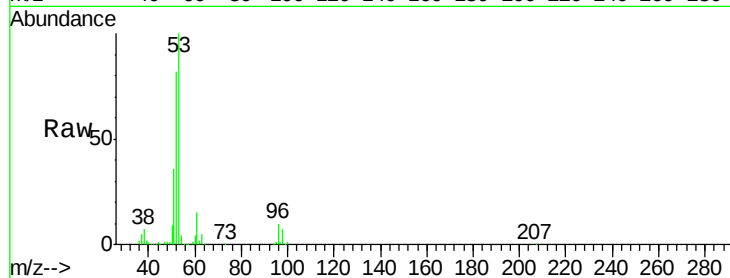
ClientSampleId :

VSTDIC020

Tot Ion:	53	Resp:	135858
Ion Ratio	Lower	Upper	
53	100		
52	82.9	66.2	99.2
51	36.4	28.5	42.7

Manual Integrations
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#16

Acetone

Concen: 94.326 ug/l

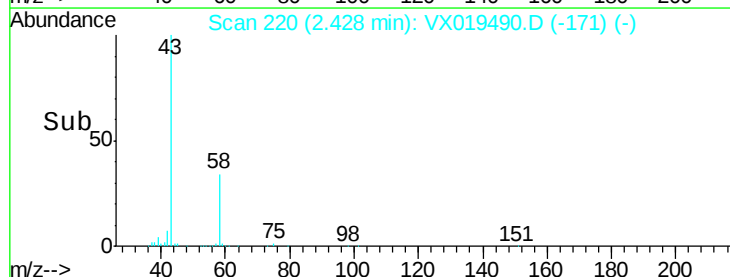
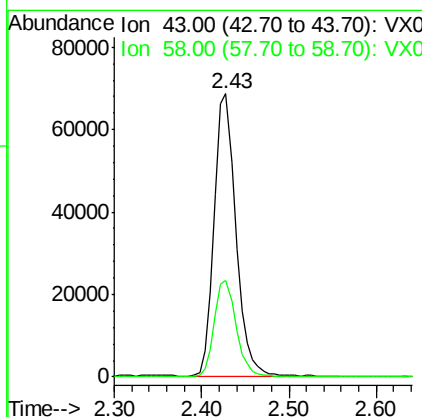
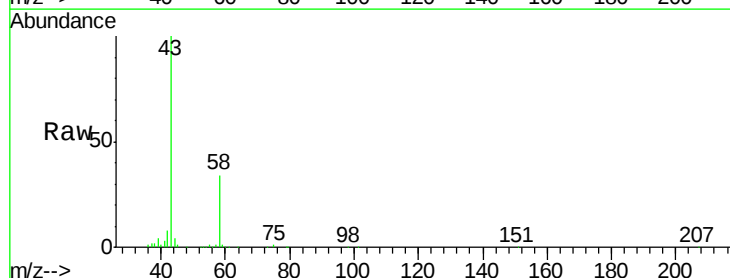
RT: 2.43 min Scan# 220

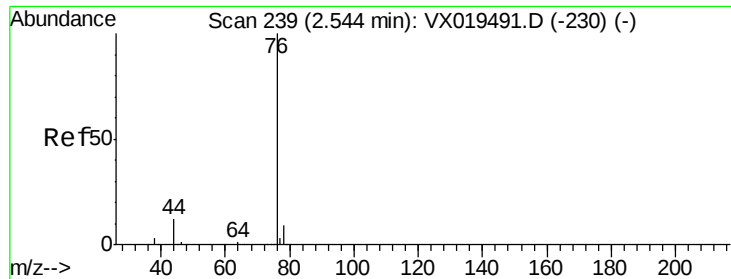
Delta R.T. -0.00 min

Lab File: VX019490.D

Acq: 20 Nov 2020 10:30

Tgt Ion:	43	Resp:	117971
Ion Ratio	Lower	Upper	
43	100		
58	34.2	27.4	41.2





#17

Carbon Disulfide

Concen: 17.358 ug/l

RT: 2.54 min Scan# 239

Delta R.T. -0.00 min

Lab File: VX019490.D

Acq: 20 Nov 2020 10:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tot Ion: 76 Resp: 115473

Ion Ratio Lower Upper

76 100

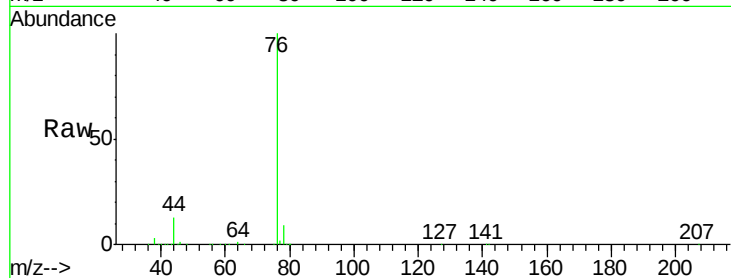
78 8.9 7.2 10.8

Manual Integrations

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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.54

80000

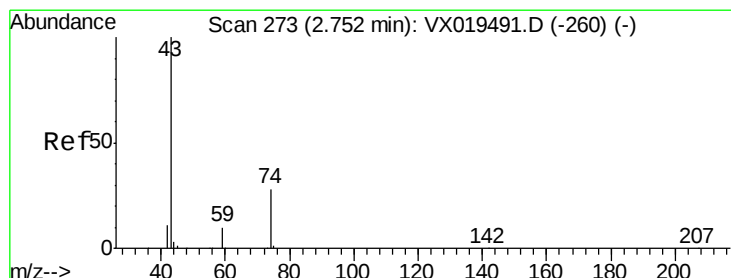
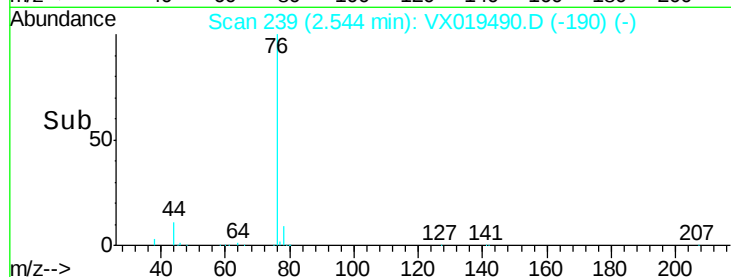
60000

40000

20000

0

Time-->



#18

Methyl Acetate

Concen: 17.402 ug/l

RT: 2.75 min Scan# 273

Delta R.T. -0.00 min

Lab File: VX019490.D

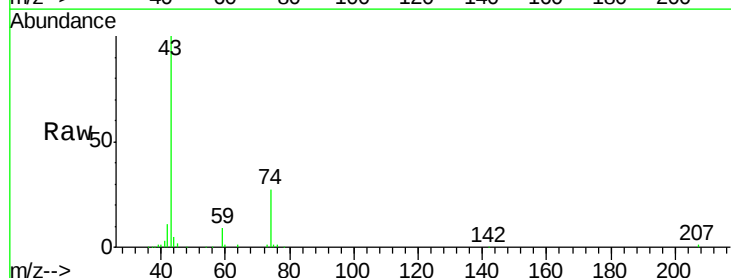
Acq: 20 Nov 2020 10:30

Tgt Ion: 43 Resp: 56140

Ion Ratio Lower Upper

43 100

74 26.0 22.2 33.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.75

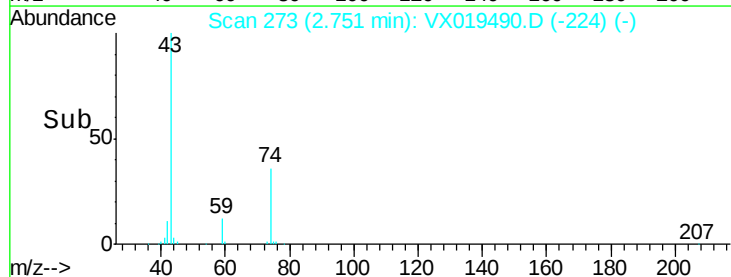
30000

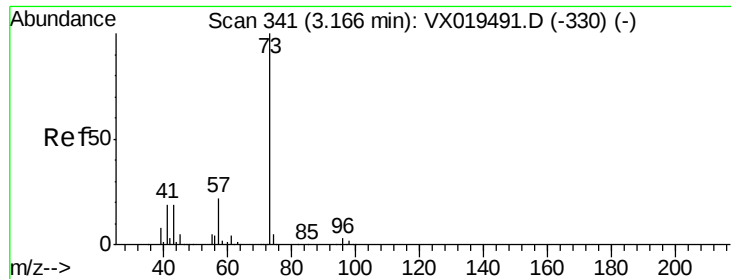
20000

10000

0

Time-->





#19

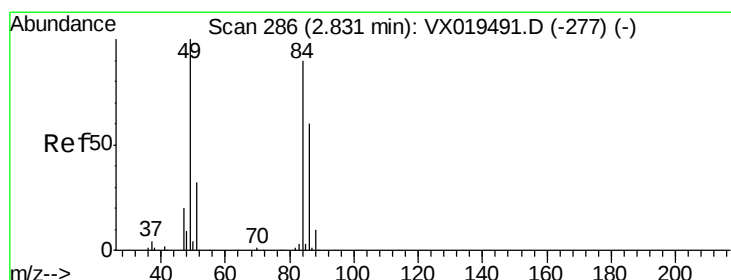
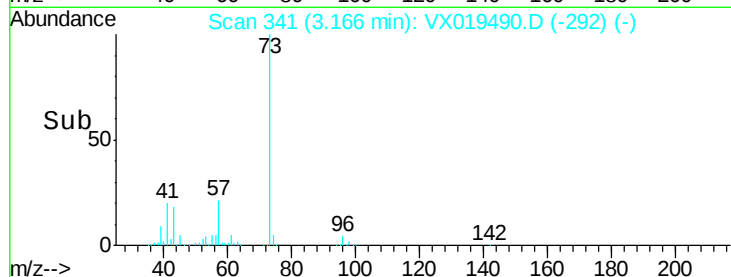
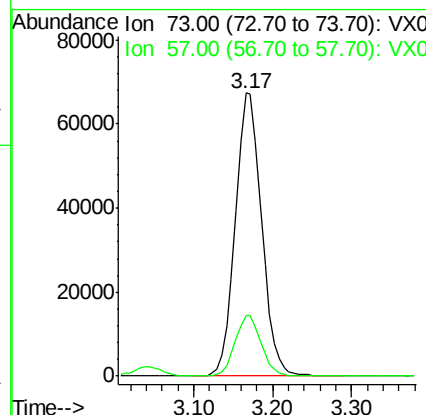
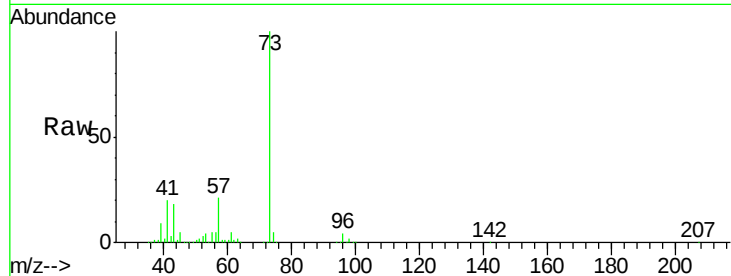
Methyl tert-butyl Ether
 Concen: 18.315 ug/l
 RT: 3.17 min Scan# 341
 Delta R.T. -0.00 min
 Lab File: VX019490.D
 Acq: 20 Nov 2020 10:30

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.3	17.3	25.9

Manual Integrations
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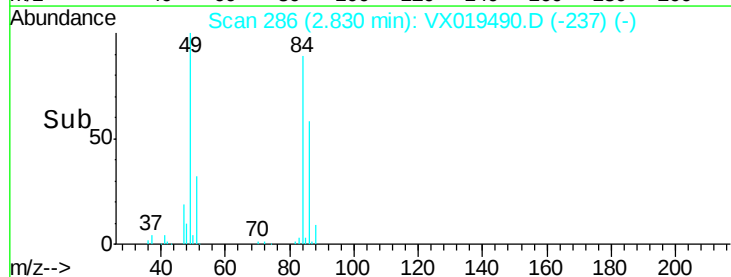
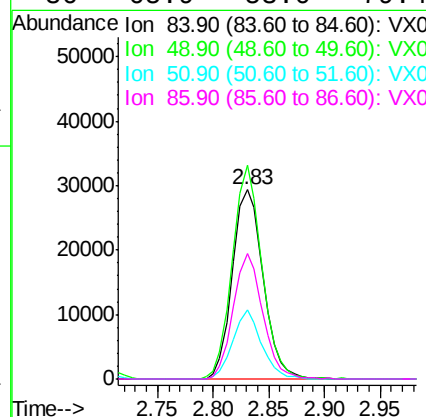
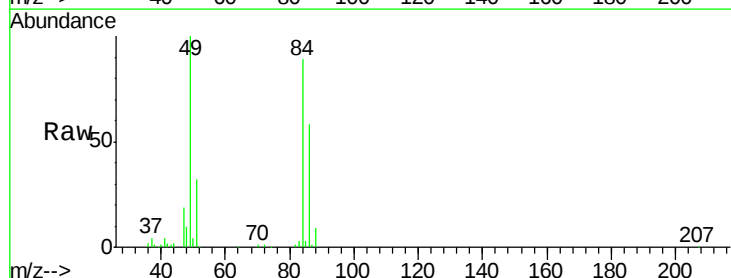
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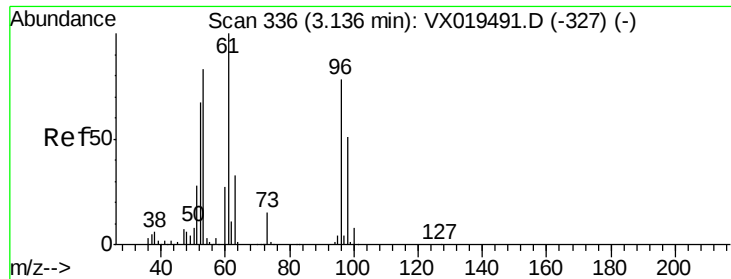


#20

Methylene Chloride
 Concen: 18.063 ug/l
 RT: 2.83 min Scan# 286
 Delta R.T. -0.00 min
 Lab File: VX019490.D
 Acq: 20 Nov 2020 10:30

Tgt Ion	Ratio	Lower	Upper
84	100		
49	112.8	88.5	132.7
51	36.6	28.0	42.0
86	65.9	53.0	79.4





#21

trans-1,2-Dichloroethene

Concen: 17.942 ug/l

RT: 3.14 min Scan# 336

Delta R.T. -0.00 min

Lab File: VX019490.D

Acq: 20 Nov 2020 10:30

Instrument :

MSVOA_X

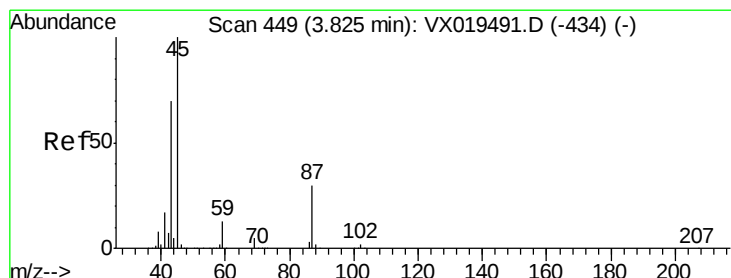
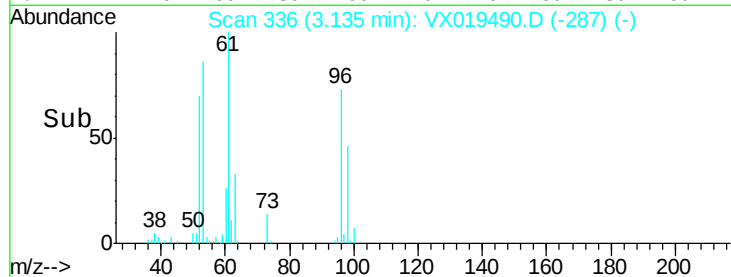
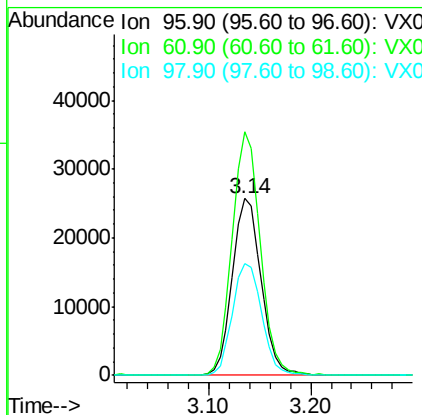
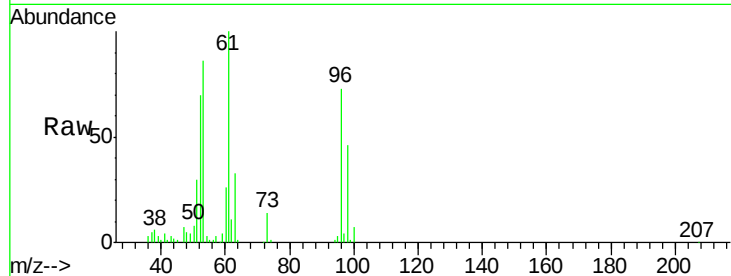
ClientSampleId :

VSTDIC020

Tot Ion:	96	Resp:	50340
Ion	Ratio	Lower	Upper
96	100		
61	137.6	102.9	154.3
98	63.3	52.1	78.1

Manual Integrations
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11/23/2020 3:50:32 PM



#22

Diisopropyl ether

Concen: 18.420 ug/l

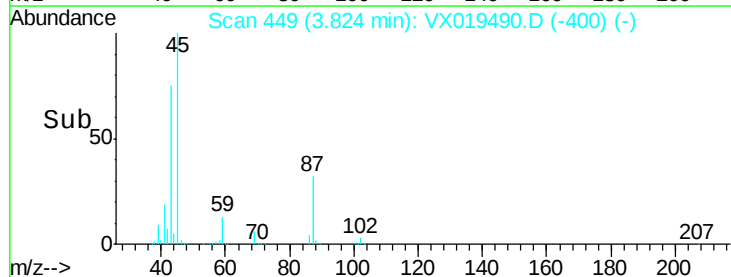
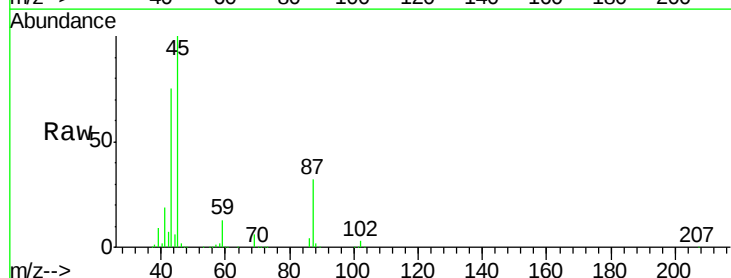
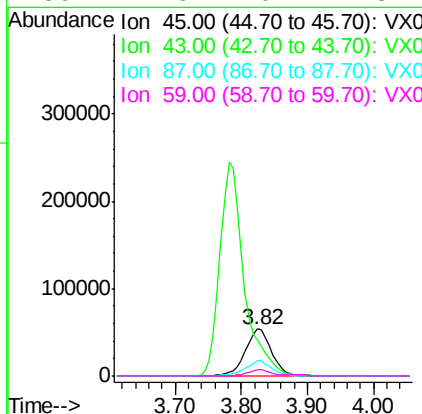
RT: 3.82 min Scan# 449

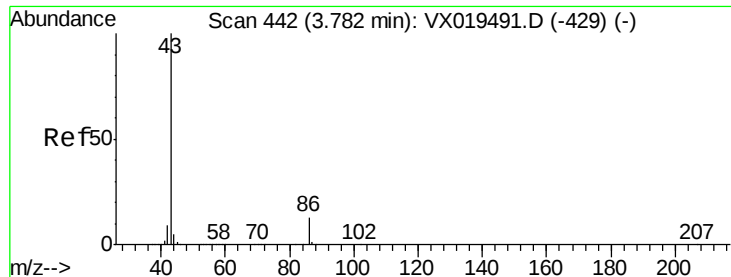
Delta R.T. -0.00 min

Lab File: VX019490.D

Acq: 20 Nov 2020 10:30

Tgt Ion:	45	Resp:	147822
Ion	Ratio	Lower	Upper
45	100		
43	75.2	56.1	84.1
87	31.7	24.2	36.2
59	12.6	10.2	15.2





#23

Vinyl Acetate

Concen: 93.250 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.00 min

Lab File: VX019490.D

Acq: 20 Nov 2020 10:30

Instrument :

MSVOA_X

ClientSampleID :

VSTDIC020

Tot Ion: 43 Resp: 627699

Ion Ratio Lower Upper

43 100

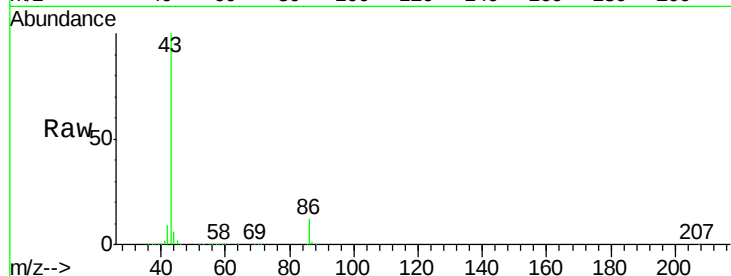
86 12.4 10.2 15.2

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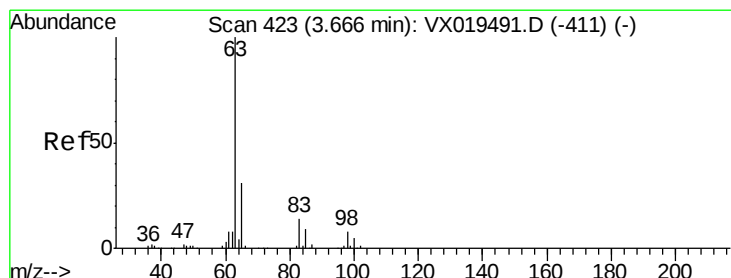
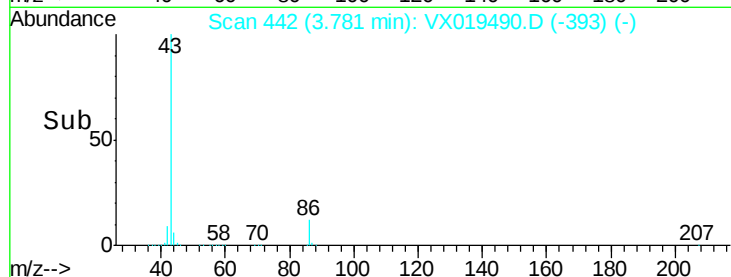
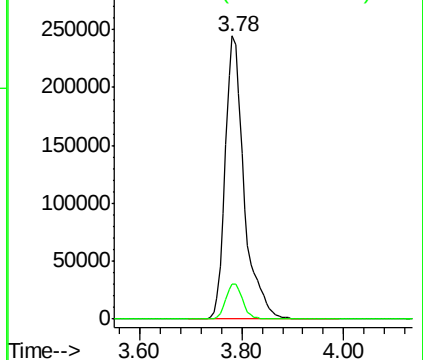
MMDadoda

11/23/2020 3:50:32 PM



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 18.469 ug/l

RT: 3.67 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX019490.D

Acq: 20 Nov 2020 10:30

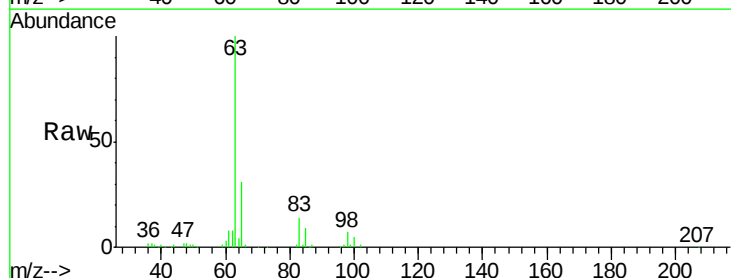
Tgt Ion: 63 Resp: 90657

Ion Ratio Lower Upper

63 100

98 7.4 3.9 11.7

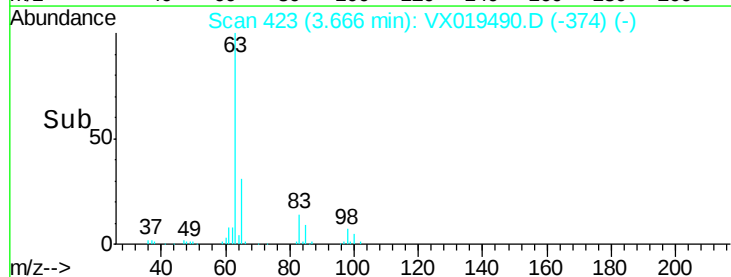
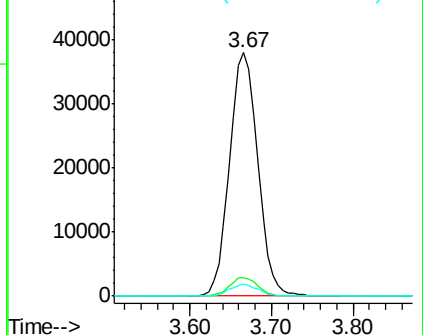
100 4.9 2.4 7.1

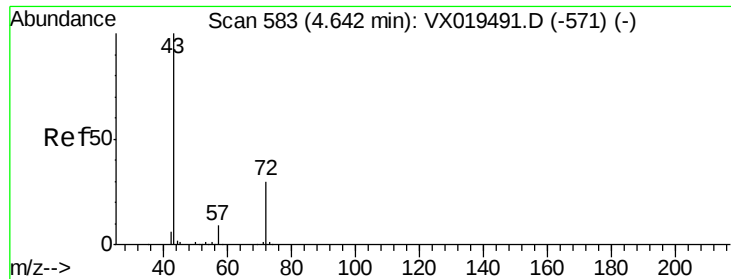


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 98.185 ug/l

RT: 4.64 min Scan# 583

Delta R.T. -0.00 min

Lab File: VX019490.D

Acq: 20 Nov 2020 10:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tot Ion: 43 Resp: 184465

Ion Ratio Lower Upper

43 100

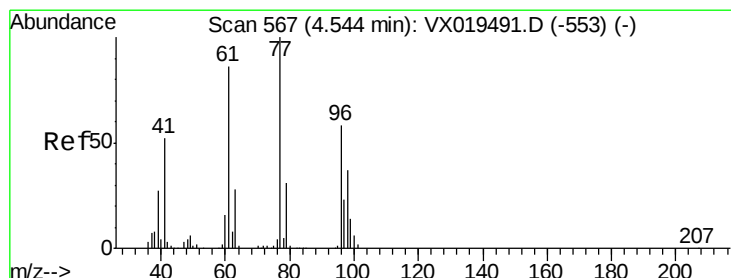
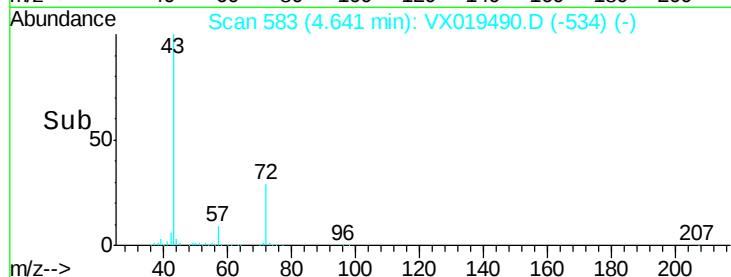
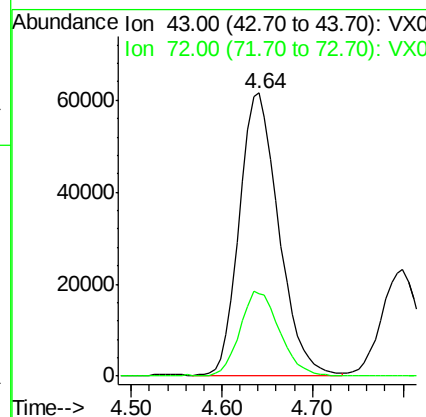
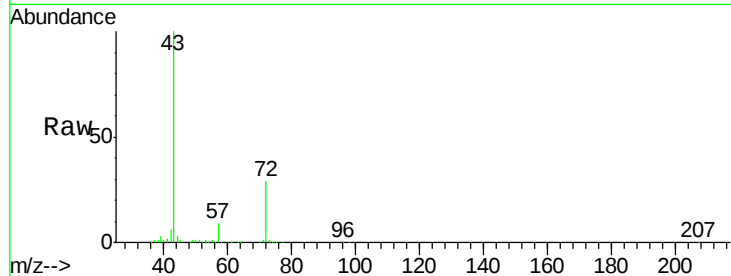
72 29.0 24.0 36.0

Manual Integrations

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11/23/2020 3:50:32 PM



#26

2,2-Dichloropropane

Concen: 17.889 ug/l

RT: 4.55 min Scan# 568

Delta R.T. 0.01 min

Lab File: VX019490.D

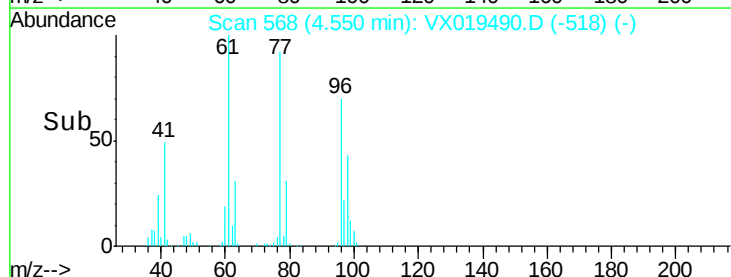
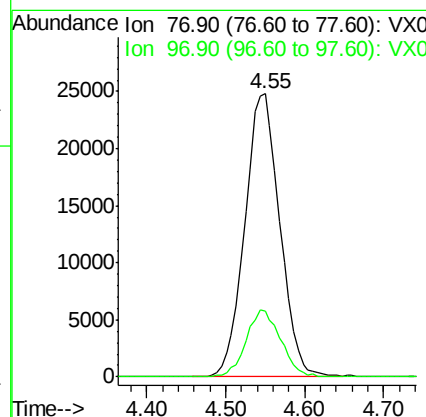
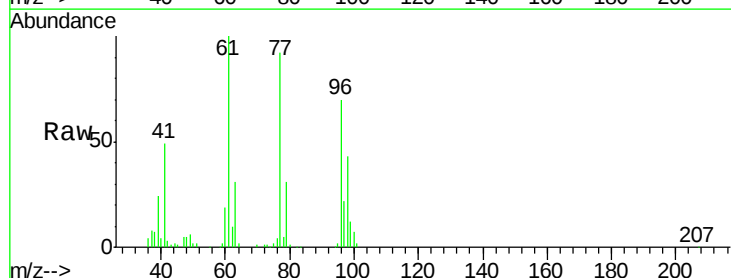
Acq: 20 Nov 2020 10:30

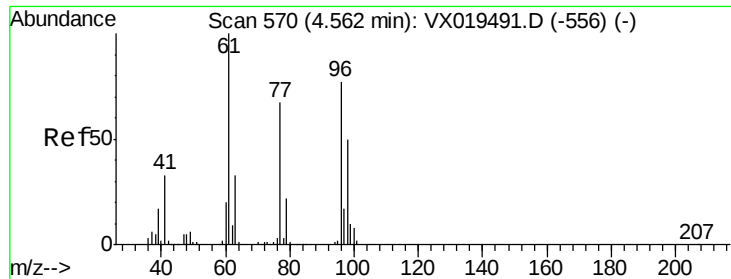
Tgt Ion: 77 Resp: 76646

Ion Ratio Lower Upper

77 100

97 23.2 11.6 34.8





#27

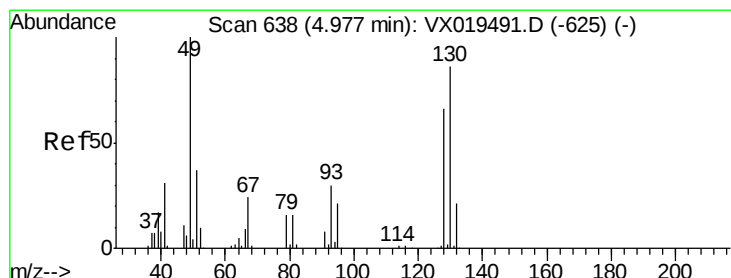
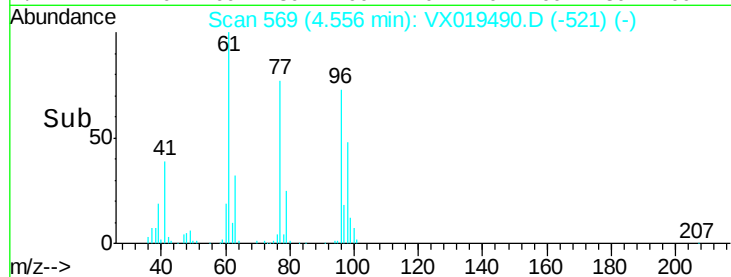
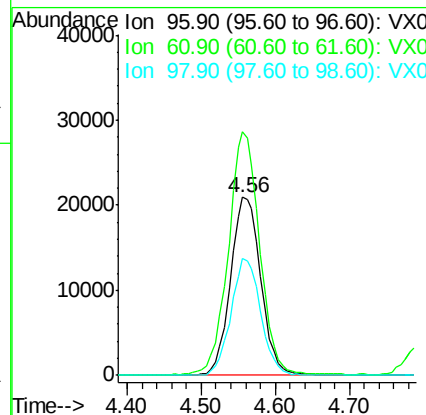
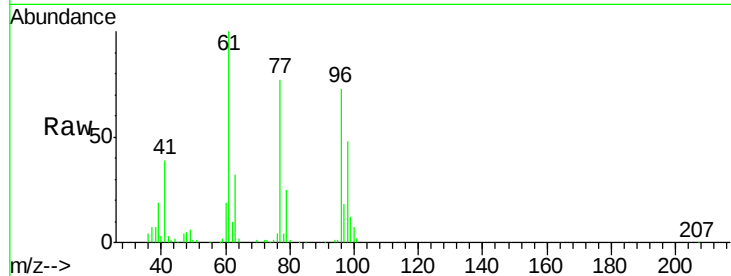
cis-1,2-Dichloroethene
Concen: 18.418 ug/l
RT: 4.56 min Scan# 569
Delta R.T. -0.01 min
Lab File: VX019490.D
Acq: 20 Nov 2020 10:30

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Resp	Lower	Upper
96	100			
61	142.6	0.0	279.2	
98	64.4	0.0	129.8	

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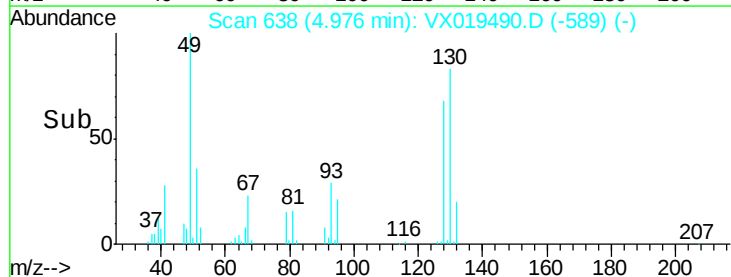
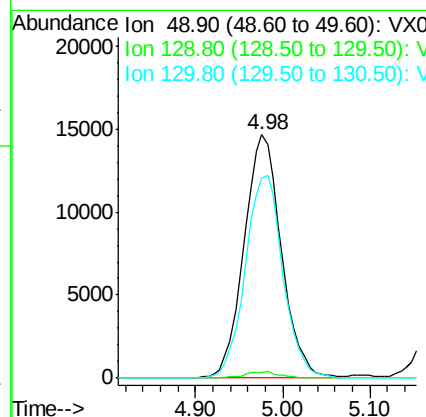
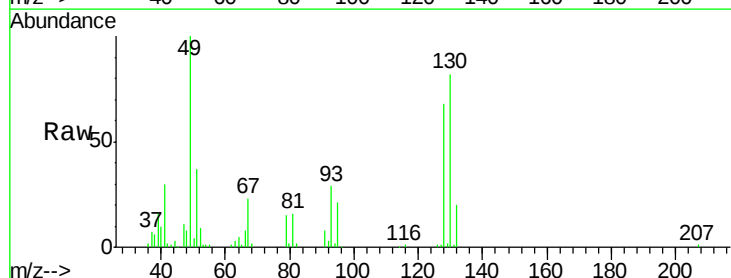
MMDadoda
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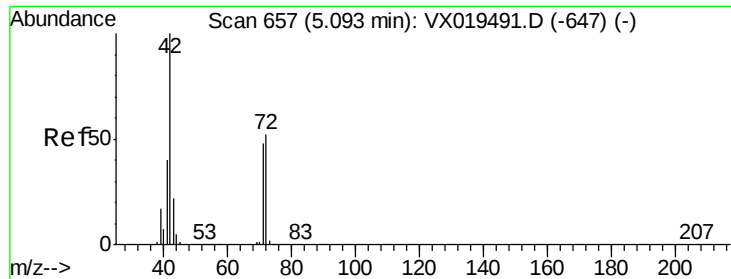


#28

Bromochloromethane
Concen: 18.502 ug/l
RT: 4.98 min Scan# 638
Delta R.T. -0.00 min
Lab File: VX019490.D
Acq: 20 Nov 2020 10:30

Tgt Ion	Ratio	Resp	Lower	Upper
49	100			
129	2.3	0.0	4.2	
130	84.0	69.0	103.6	





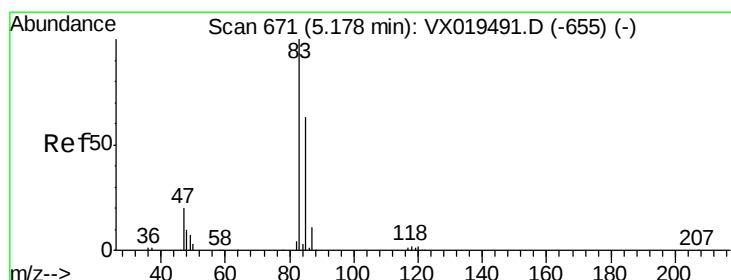
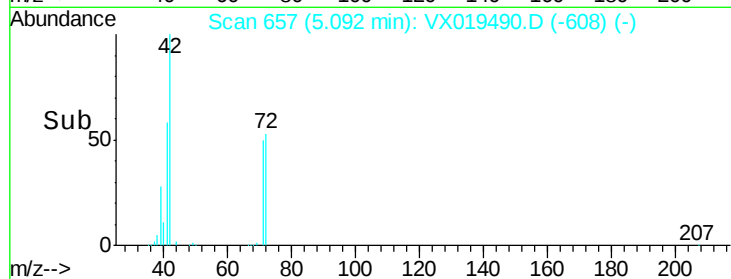
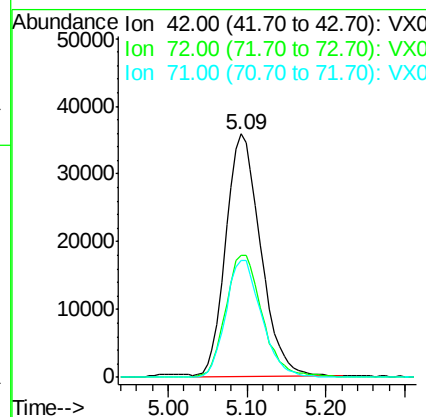
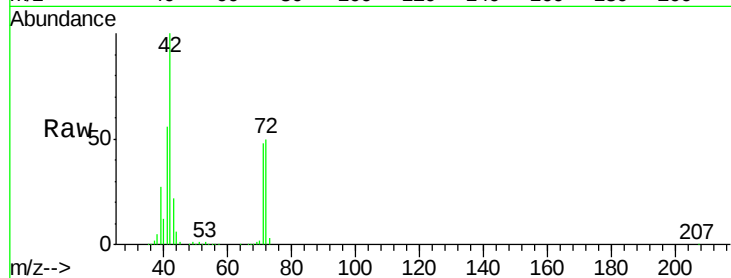
#29
Tetrahydrofuran
Concen: 91.871 ug/l
RT: 5.09 min Scan# 657
Delta R.T. -0.00 min
Lab File: VX019490.D
Acq: 20 Nov 2020 10:30

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Lower	Upper
42	100		
72	53.2	42.6	63.8
71	49.2	39.0	58.6

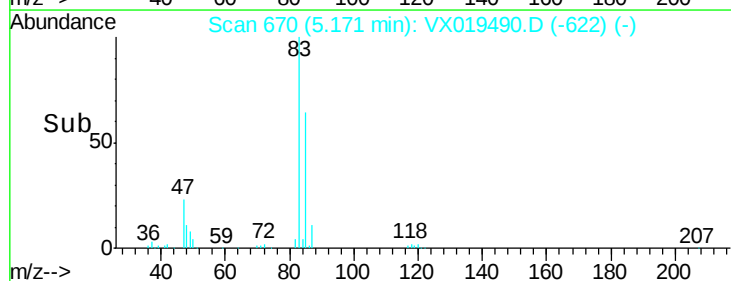
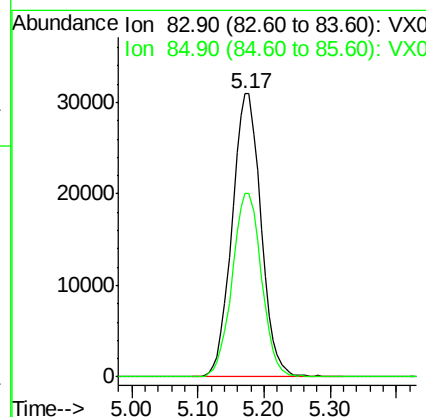
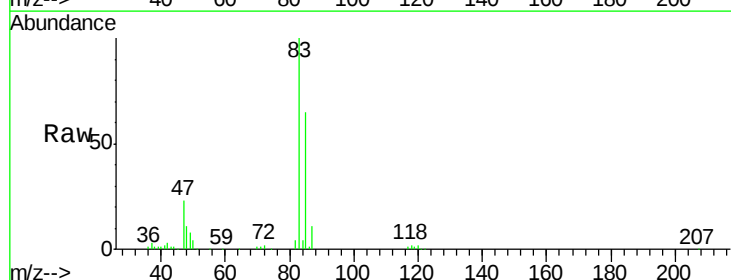
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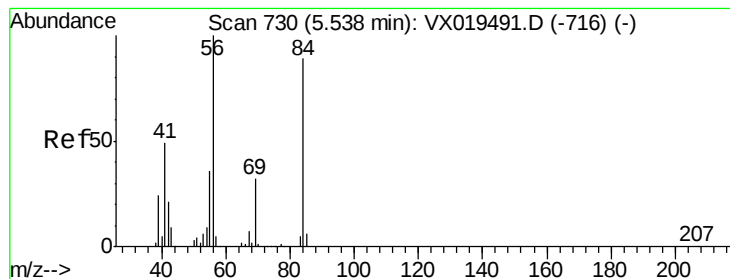
MMDadoda
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#30
Chloroform
Concen: 18.299 ug/l
RT: 5.17 min Scan# 670
Delta R.T. -0.01 min
Lab File: VX019490.D
Acq: 20 Nov 2020 10:30

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.9	50.5	75.7





#31

Cvclohexane

Concen: 17.897 ug/l

RT: 5.54 min Scan# 731

Delta R.T. 0.01 min

Lab File: VX019490.D

Acq: 20 Nov 2020 10:30

Instrument :

MSVOA_X

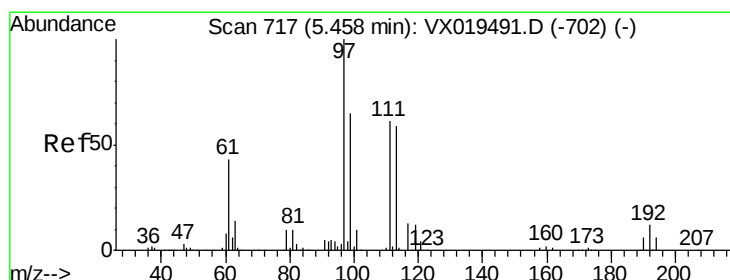
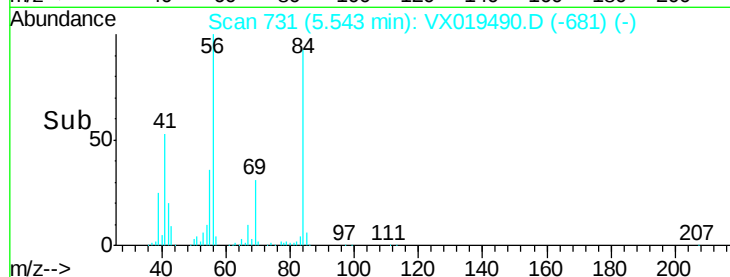
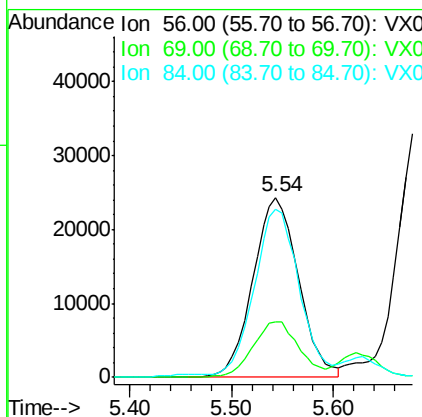
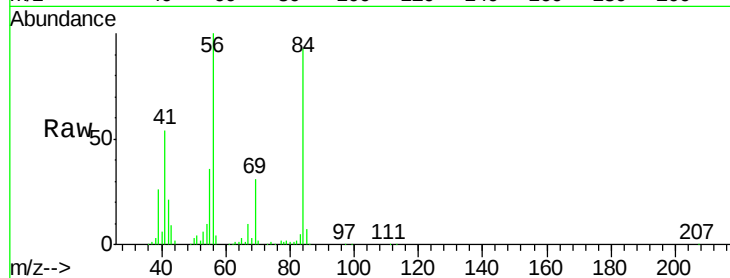
ClientSampleId :

VSTDIC020

Tot Ion:	56	Resp:	75281
Ion	Ratio	Lower	Upper
56	100		
69	31.1	25.5	38.3
84	91.3	71.1	106.7

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#32

1,1,1-Trichloroethane

Concen: 18.591 ug/l

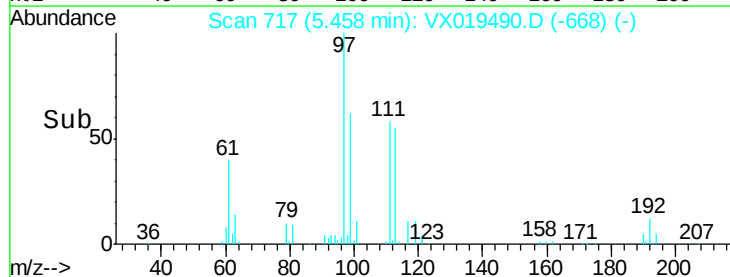
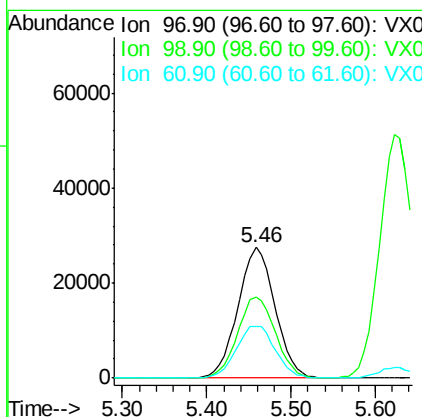
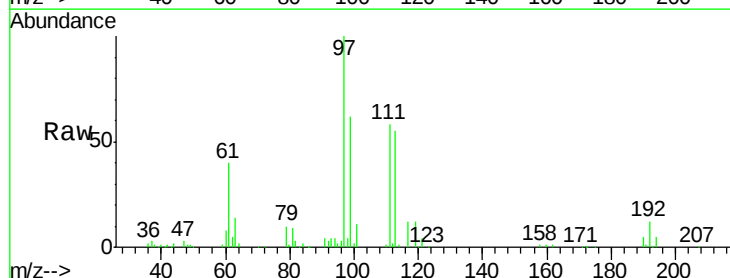
RT: 5.46 min Scan# 717

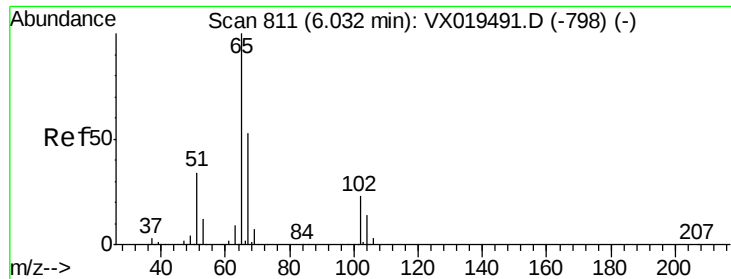
Delta R.T. -0.00 min

Lab File: VX019490.D

Acq: 20 Nov 2020 10:30

Tgt Ion:	97	Resp:	81965
Ion	Ratio	Lower	Upper
97	100		
99	63.7	51.4	77.0
61	42.1	34.2	51.2





#33

1,2-Dichloroethane-d4

Concen: 17.580 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX019490.D

Acq: 20 Nov 2020 10:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tot Ion: 65 Resp: 56854

Ion Ratio Lower Upper

65 100

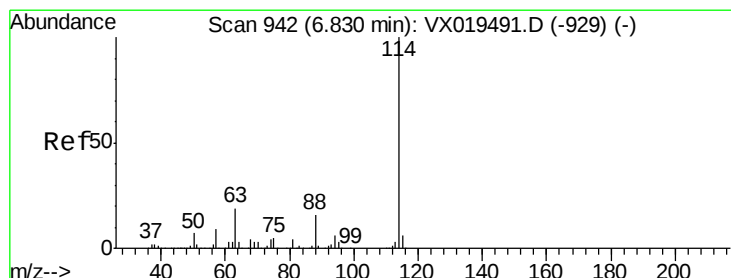
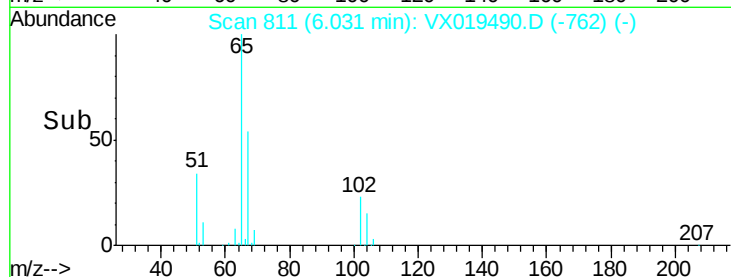
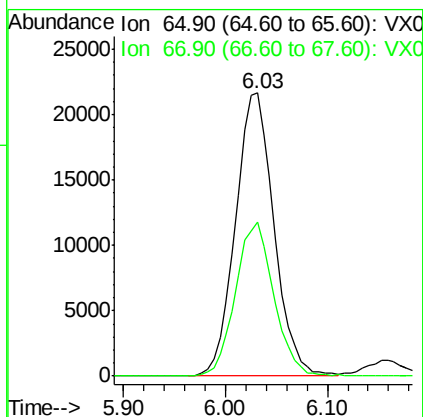
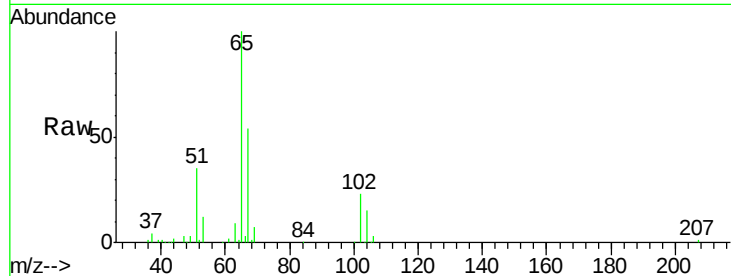
67 54.1 0.0 105.0

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11/23/2020 3:50:32 PM



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.00 min

Lab File: VX019490.D

Acq: 20 Nov 2020 10:30

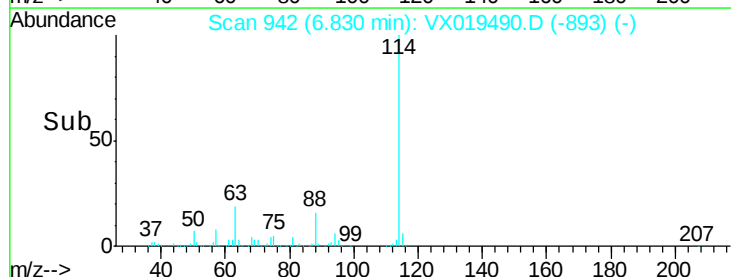
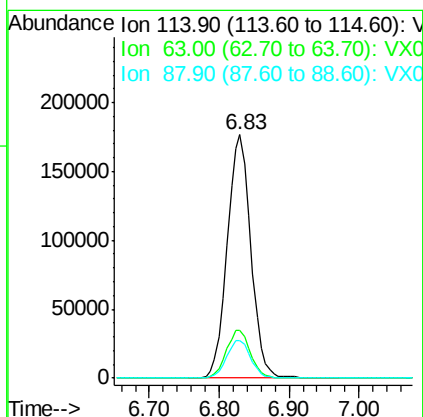
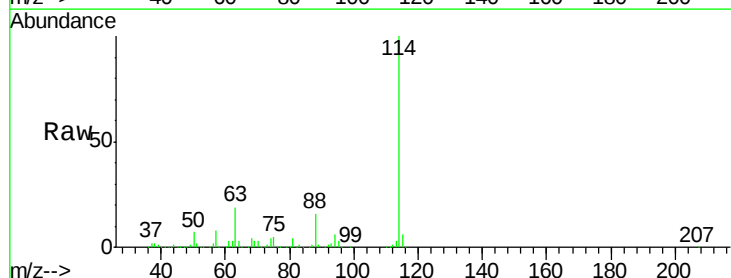
Tgt Ion: 114 Resp: 414135

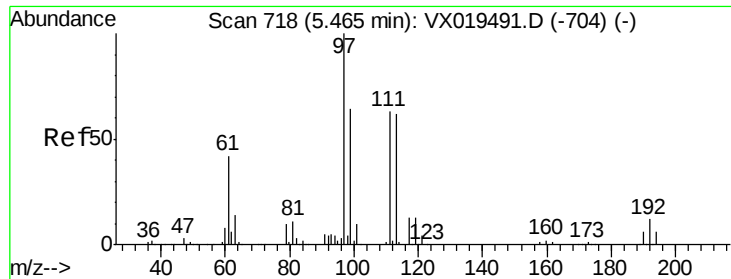
Ion Ratio Lower Upper

114 100

63 19.4 0.0 38.8

88 15.6 0.0 31.6





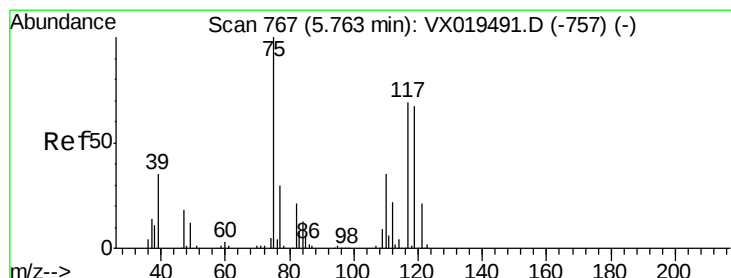
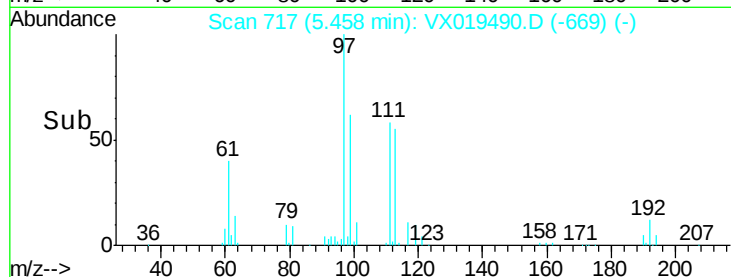
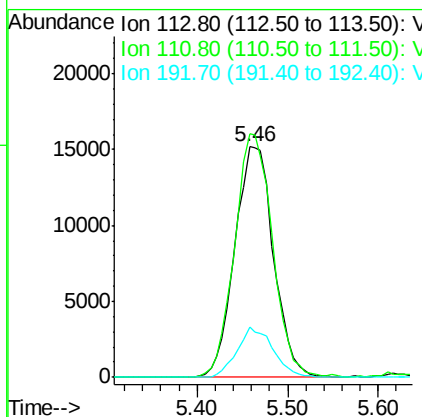
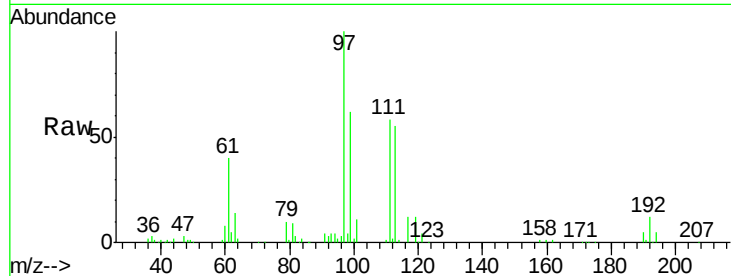
#35
Dibromofluoromethane
Concen: 17.346 ug/l
RT: 5.46 min Scan# 717
Delta R.T. -0.01 min
Lab File: VX019490.D
Acq: 20 Nov 2020 10:30

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Resp	Lower	Upper
113	100	45092		
111	103.4	81.5	122.3	
192	20.1	16.2	24.2	

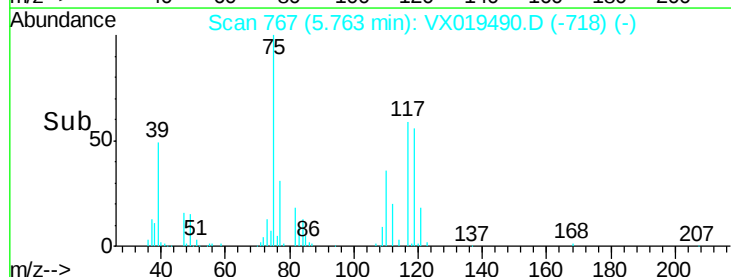
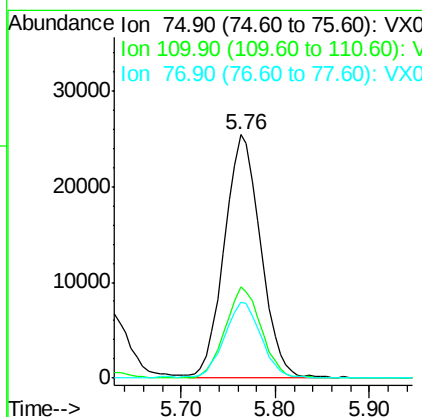
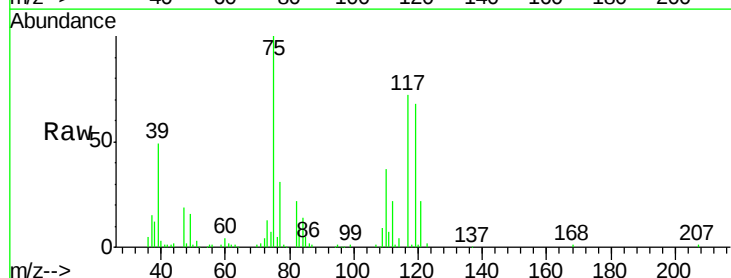
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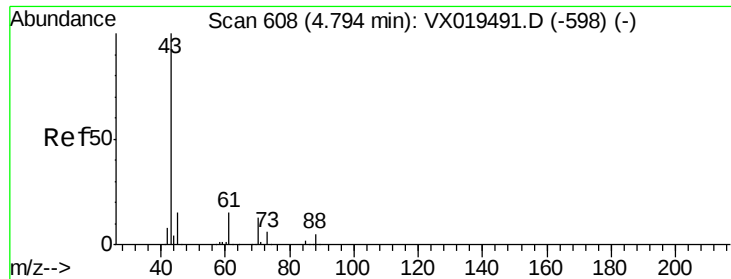
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11/23/2020 3:50:32 PM



#36
1,1-Dichloropropene
Concen: 17.381 ug/l
RT: 5.76 min Scan# 767
Delta R.T. -0.00 min
Lab File: VX019490.D
Acq: 20 Nov 2020 10:30

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	67484		
110	37.4	18.1	54.3	
77	31.9	24.2	36.4	





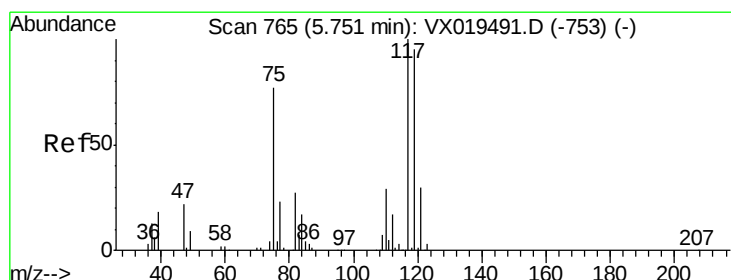
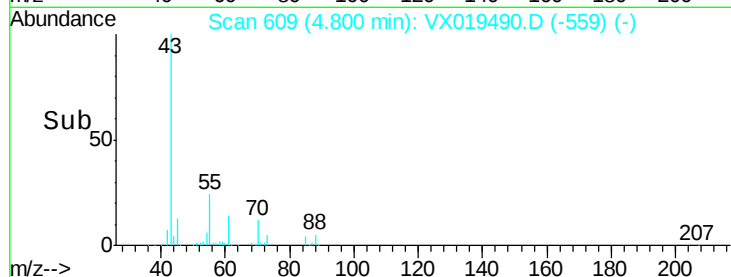
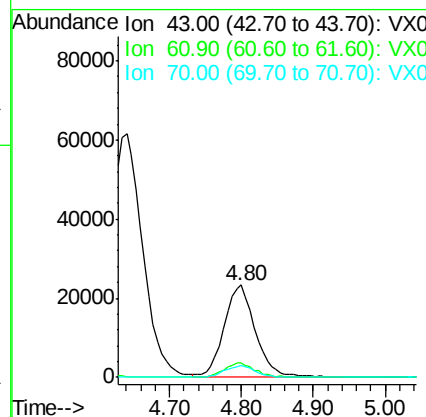
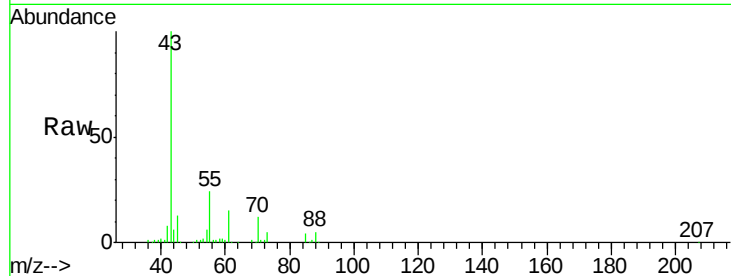
#37
Ethyl Acetate
Concen: 18.989 ug/l
RT: 4.80 min Scan# 609
Delta R.T. 0.01 min
Lab File: VX019490.D
Acq: 20 Nov 2020 10:30

Instrument :
MSVOA_X
ClientSampled :
VSTDIC020

Tot Ion	Ratio	Lower	Upper
43	100		
61	16.0	12.7	19.1
70	13.0	10.2	15.2

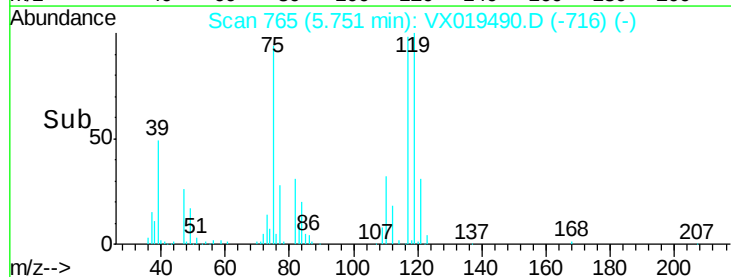
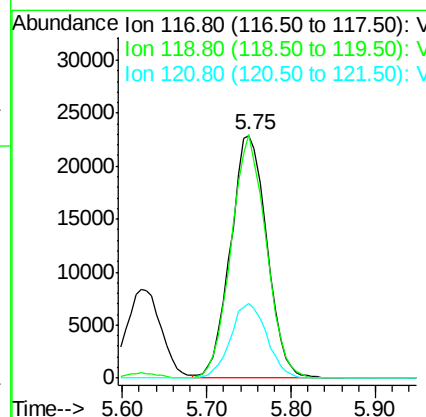
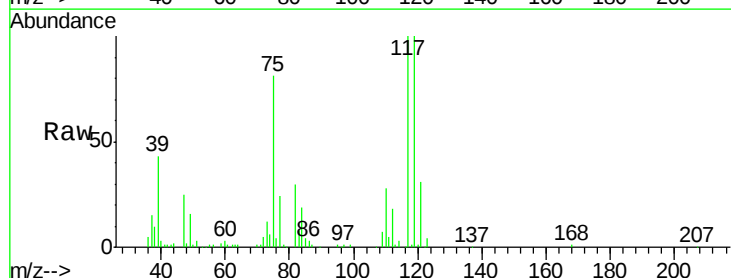
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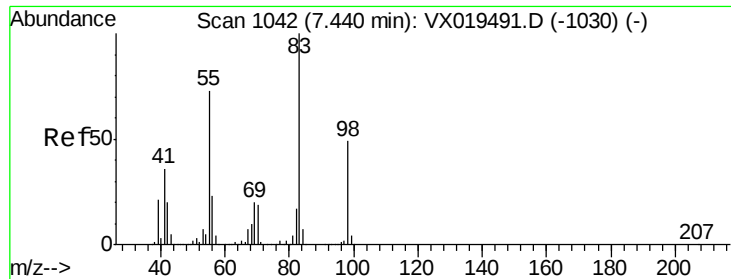
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11/23/2020 3:50:32 PM



#38
Carbon Tetrachloride
Concen: 17.899 ug/l
RT: 5.75 min Scan# 765
Delta R.T. -0.00 min
Lab File: VX019490.D
Acq: 20 Nov 2020 10:30

Tgt Ion	Ratio	Lower	Upper
117	100		
119	100.2	75.9	113.9
121	30.9	24.0	36.0





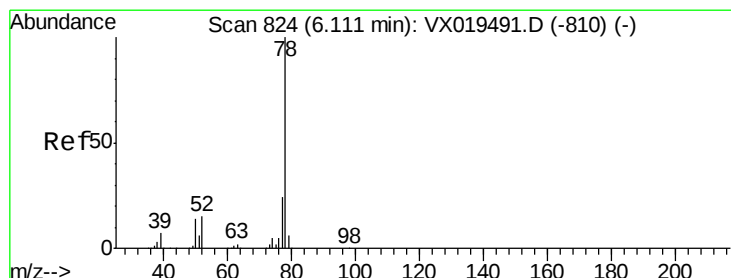
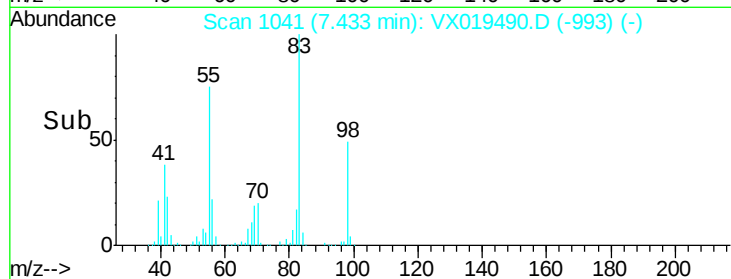
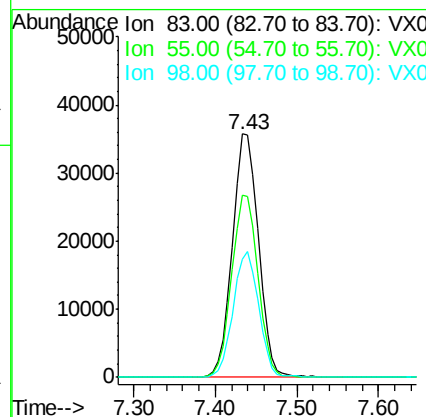
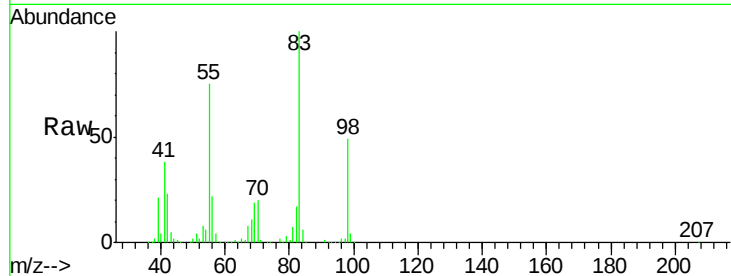
#39
Methvlcvclohexane
Concen: 17.437 ug/l
RT: 7.43 min Scan# 1041
Delta R.T. -0.01 min
Lab File: VX019490.D
Acq: 20 Nov 2020 10:30

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Resp	Lower	Upper
83	100	78825		
55	75.1		58.3	87.5
98	48.6		38.9	58.3

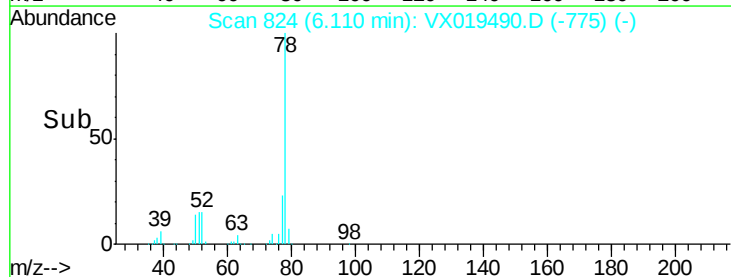
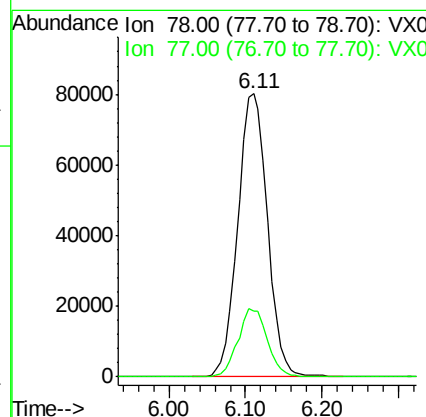
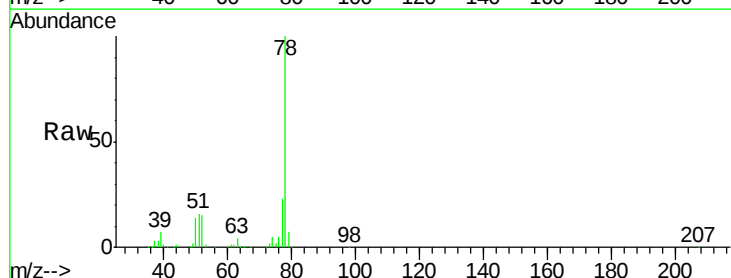
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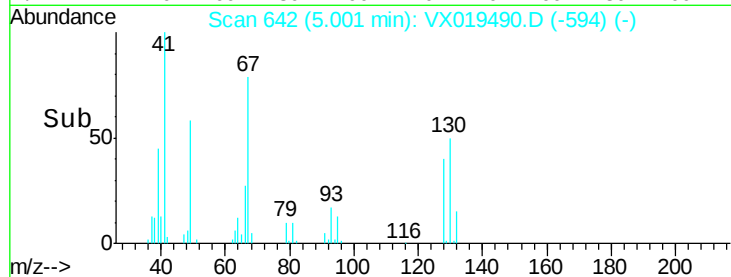
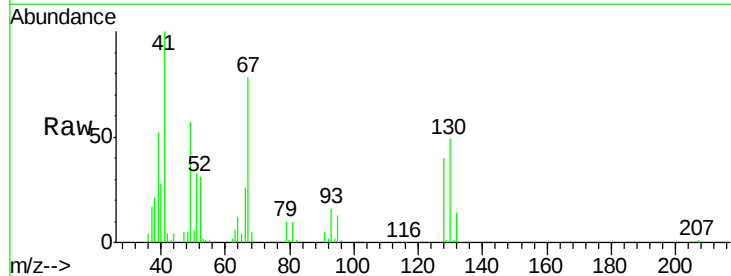
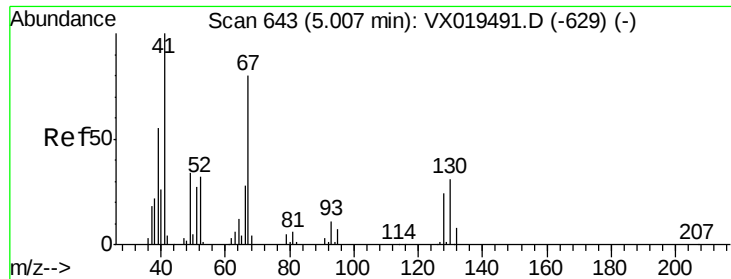
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#40
Benzene
Concen: 18.061 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.00 min
Lab File: VX019490.D
Acq: 20 Nov 2020 10:30

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	215455		
77	23.4		18.9	28.3





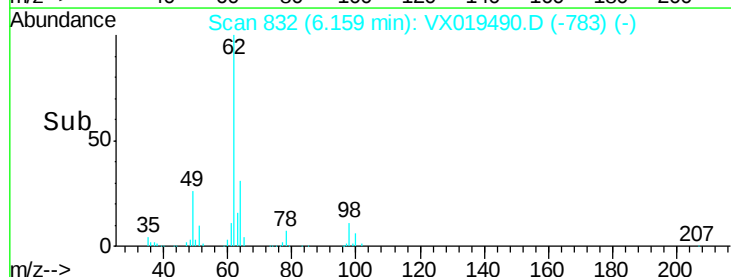
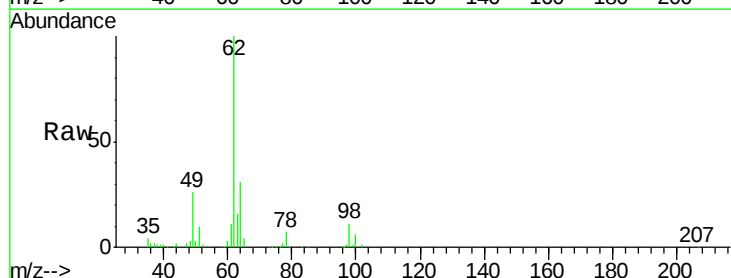
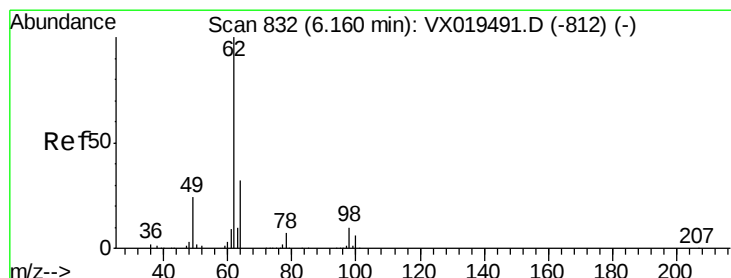
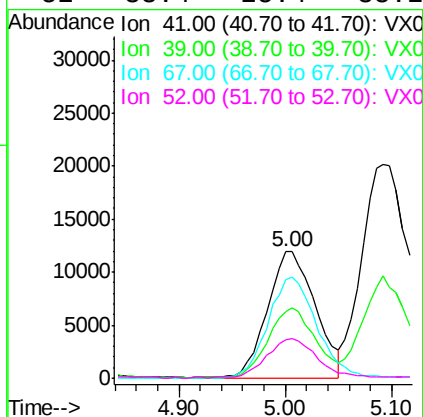
#41
Methacrylonitrile
Concen: 18.594 ug/l
RT: 5.00 min Scan# 642
Delta R.T. -0.01 min
Lab File: VX019490.D
Acq: 20 Nov 2020 10:30

Tot Ion	Ion	Ratio	Lower	Upper
37373	41	100		
	39	55.5	43.3	64.9
	67	81.2	66.0	99.0
	52	33.4	25.4	38.2

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

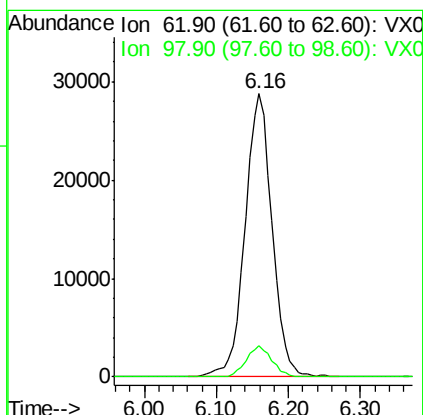
Manual Integrations
APPROVED

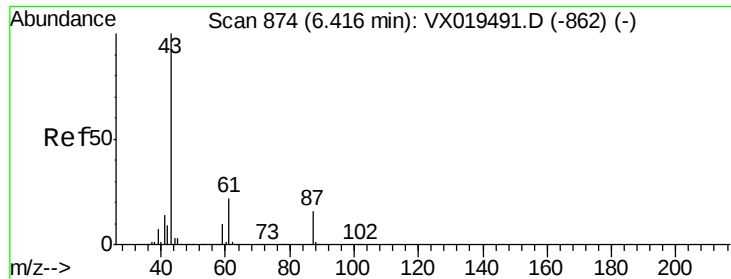
MMDadoda
11/23/2020 3:50:32 PM



#42
1,2-Dichloroethane
Concen: 18.325 ug/l
RT: 6.16 min Scan# 832
Delta R.T. -0.00 min
Lab File: VX019490.D
Acq: 20 Nov 2020 10:30

Tgt Ion	Ion	Ratio	Lower	Upper
74926	62	100		
	98	10.4	0.0	20.0





#43

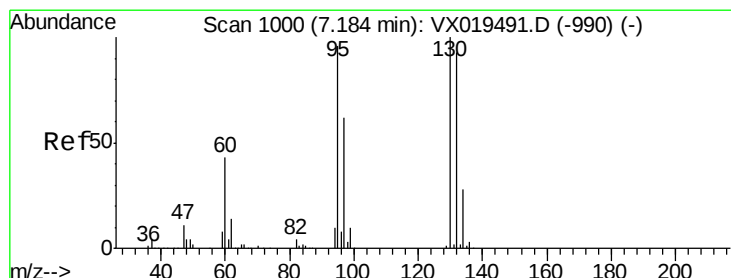
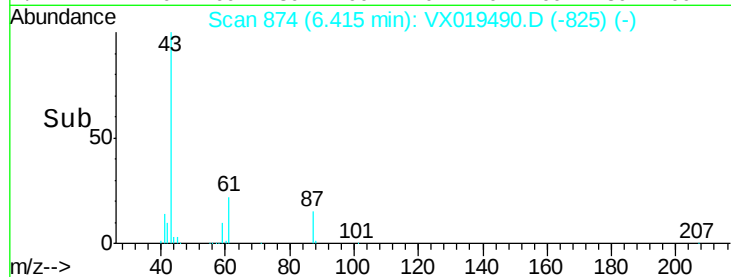
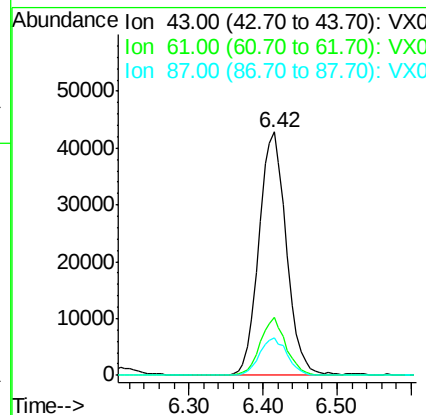
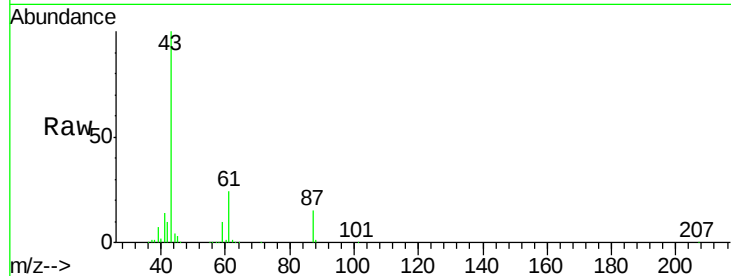
Isopropyl Acetate
 Concen: 17.951 ug/l
 RT: 6.42 min Scan# 874
 Delta R.T. -0.00 min
 Lab File: VX019490.D
 Acq: 20 Nov 2020 10:30

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

Tot Ion	Ratio	Lower	Upper
43	100		
61	22.5	18.2	27.2
87	15.5	12.6	18.8

Manual Integrations
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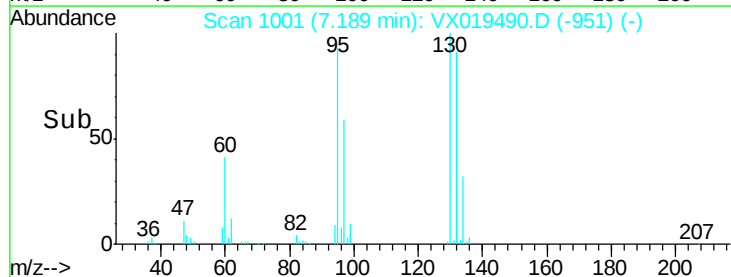
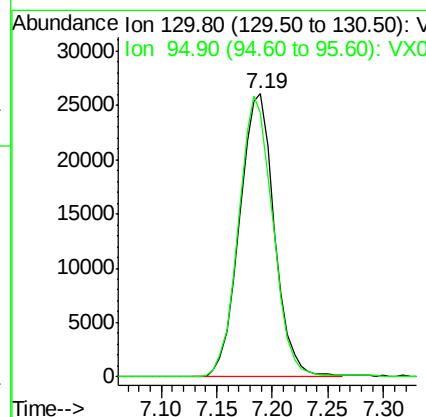
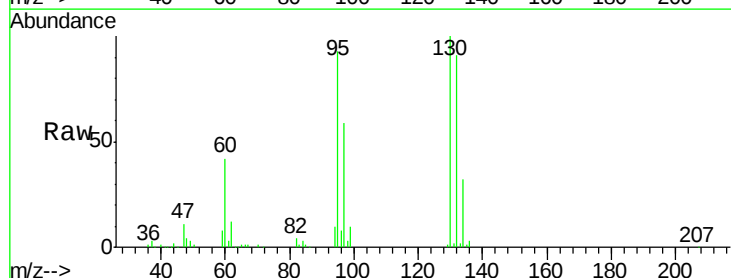
MMDadoda
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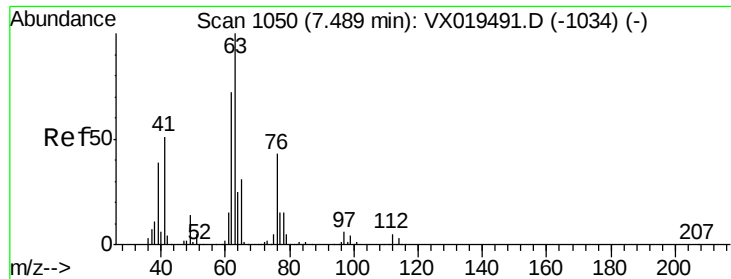


#44

Trichloroethene
 Concen: 18.047 ug/l
 RT: 7.19 min Scan# 1001
 Delta R.T. 0.01 min
 Lab File: VX019490.D
 Acq: 20 Nov 2020 10:30

Tgt Ion	Ratio	Lower	Upper
130	100		
95	93.3	0.0	191.2





#45

1,2-Dichloropropane

Concen: 18.492 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VX019490.D

Acq: 20 Nov 2020 10:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tot Ion: 63 Resp: 54305

Ion Ratio Lower Upper

63 100

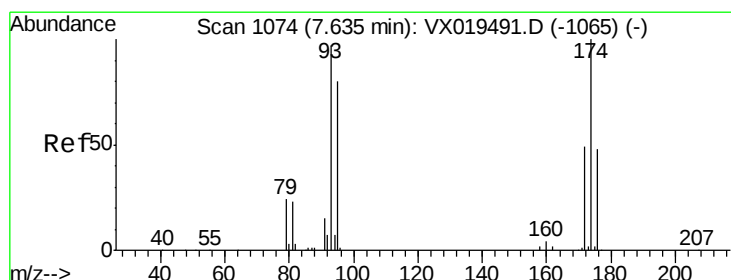
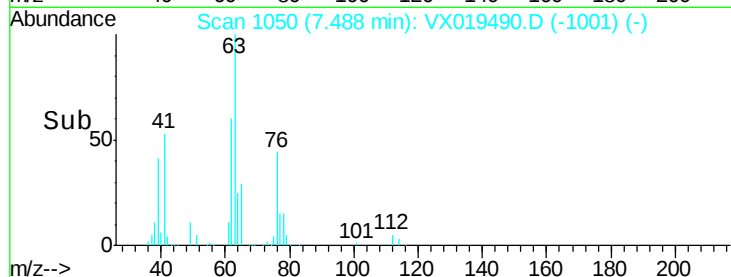
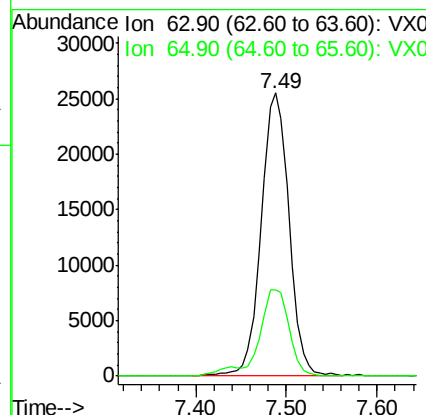
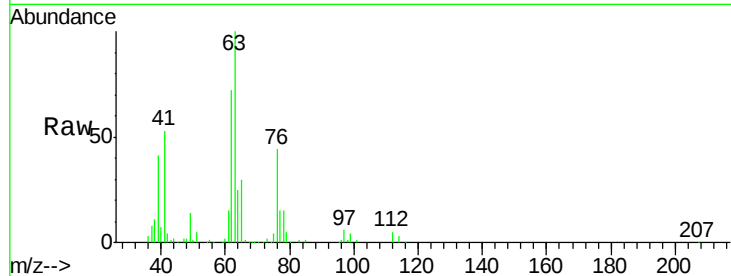
65 30.3 25.0 37.4

Manual Integrations

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11/23/2020 3:50:32 PM



#46

Dibromomethane

Concen: 18.132 ug/l

RT: 7.63 min Scan# 1074

Delta R.T. -0.00 min

Lab File: VX019490.D

Acq: 20 Nov 2020 10:30

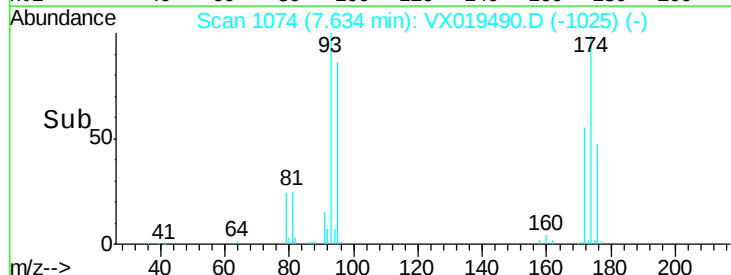
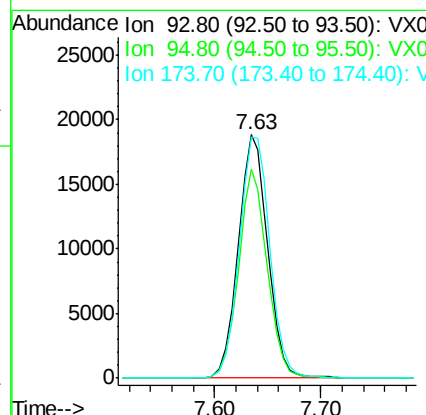
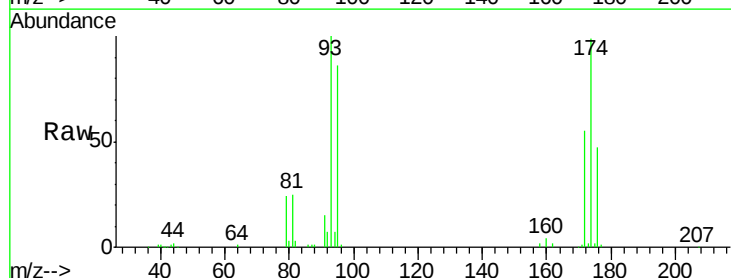
Tgt Ion: 93 Resp: 36445

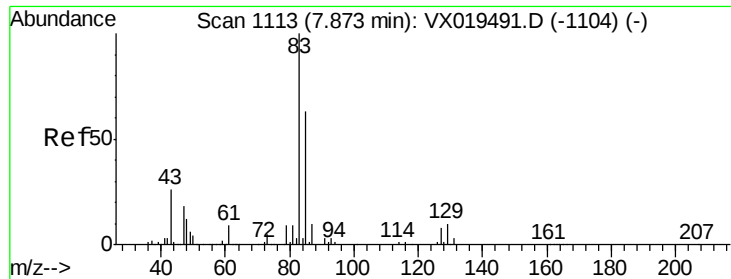
Ion Ratio Lower Upper

93 100

95 83.8 66.8 100.2

174 103.1 83.0 124.4





#47

Bromodichloromethane

Concen: 18.154 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.00 min

Lab File: VX019490.D

Acq: 20 Nov 2020 10:30

Instrument :

MSVOA_X

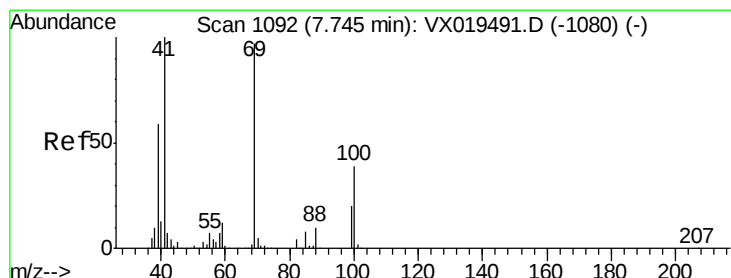
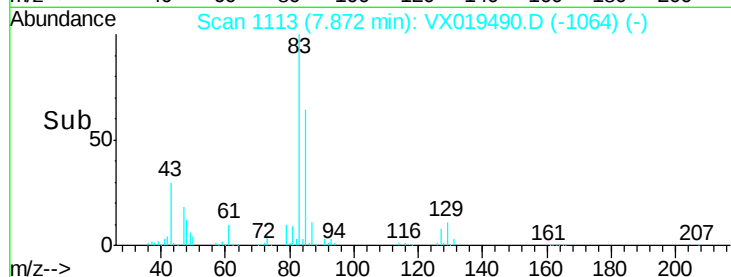
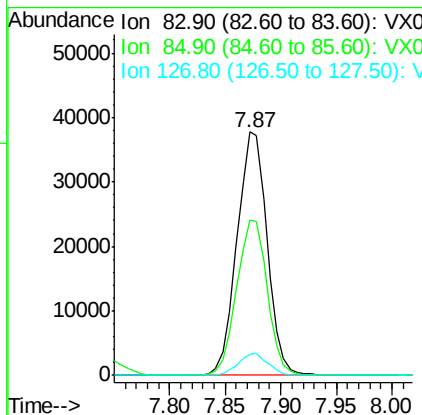
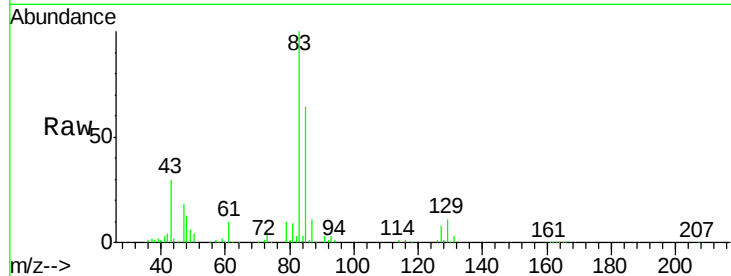
ClientSampleId :

VSTDIC020

Tot Ion:	83	Resp:	70804
Ion	Ratio	Lower	Upper
83	100		
85	63.9	50.2	75.2
127	8.4	6.4	9.6

Manual Integrations
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MMDadoda
11/23/2020 3:50:32 PM



#48

Methyl methacrylate

Concen: 18.648 ug/l

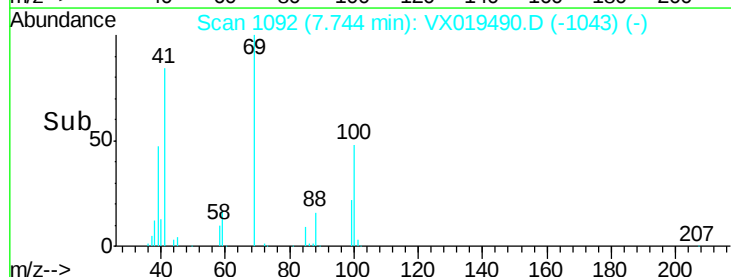
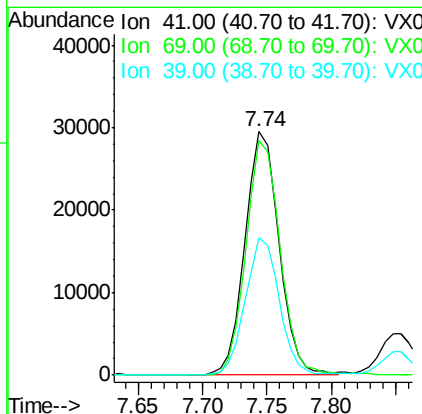
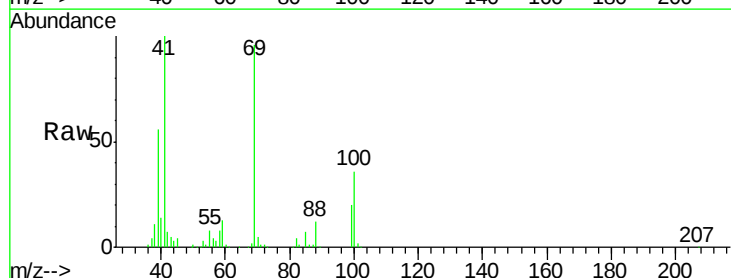
RT: 7.74 min Scan# 1092

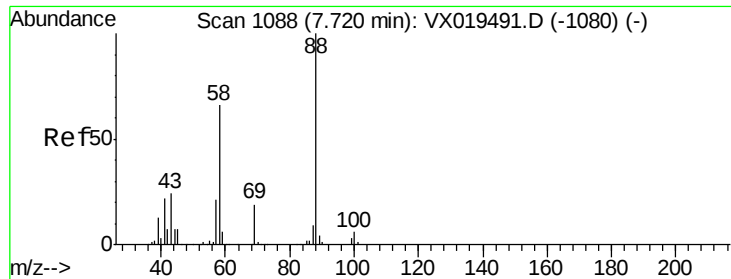
Delta R.T. -0.00 min

Lab File: VX019490.D

Acq: 20 Nov 2020 10:30

Tgt Ion:	41	Resp:	53510
Ion	Ratio	Lower	Upper
41	100		
69	97.7	77.0	115.6
39	56.2	45.6	68.4





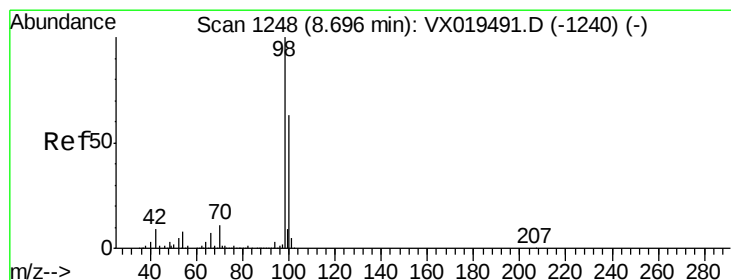
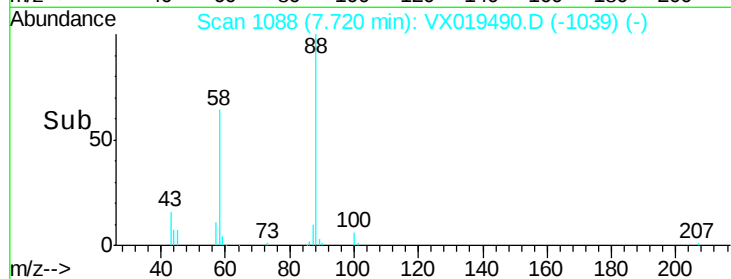
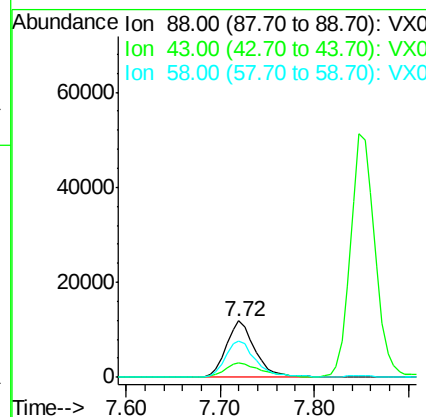
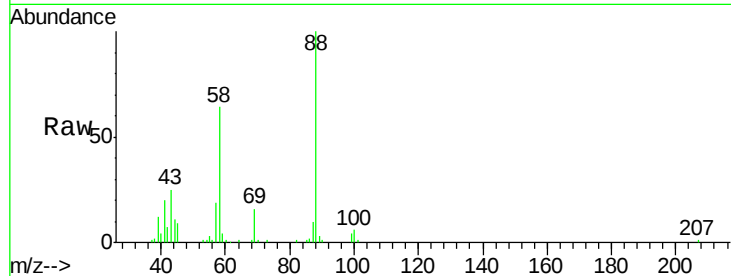
#49
1,4-Dioxane
Concen: 391.791 ug/l
RT: 7.72 min Scan# 1088
Delta R.T. -0.00 min
Lab File: VX019490.D
Acq: 20 Nov 2020 10:30

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Lower	Upper
88	100		
43	29.2	23.8	35.6
58	67.8	54.2	81.2

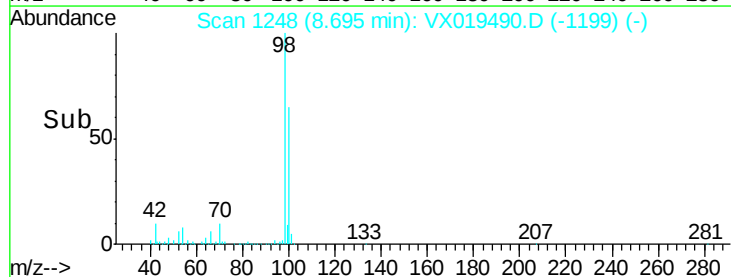
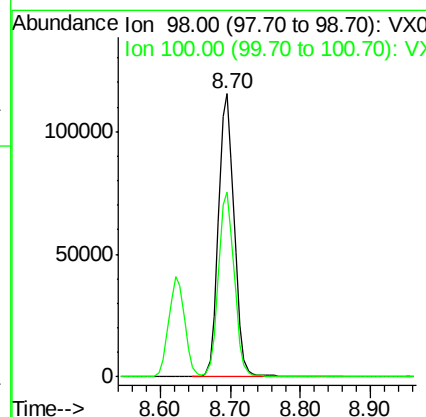
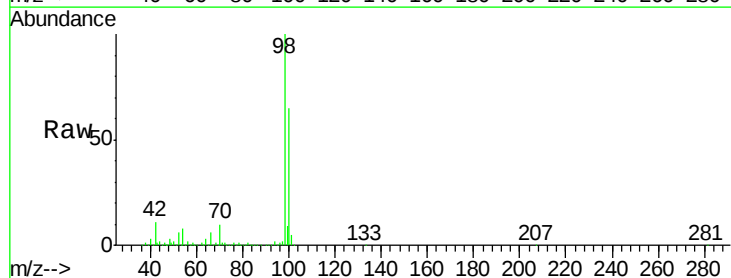
Manual Integrations
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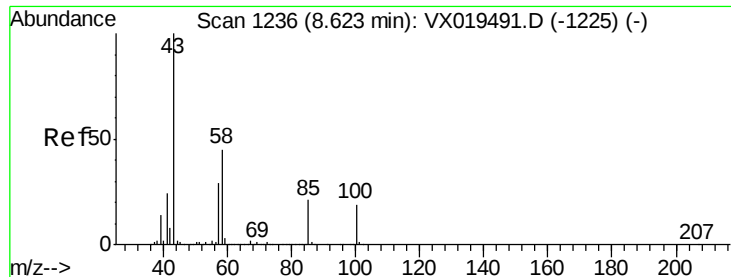
MMDadoda
11/23/2020 3:50:32 PM



#50
Toluene-d8
Concen: 17.889 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX019490.D
Acq: 20 Nov 2020 10:30

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.7	52.4	78.6





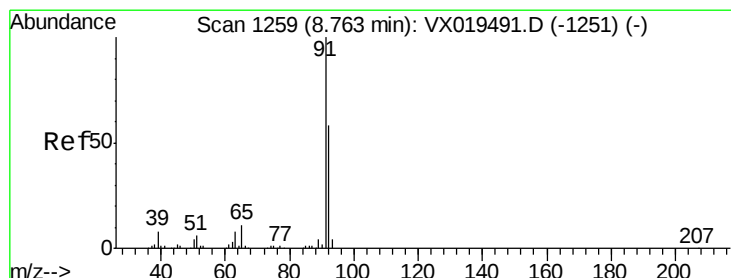
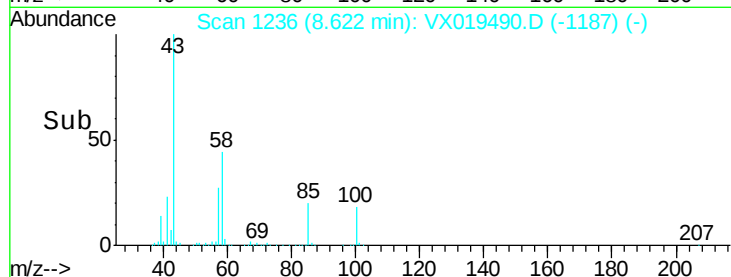
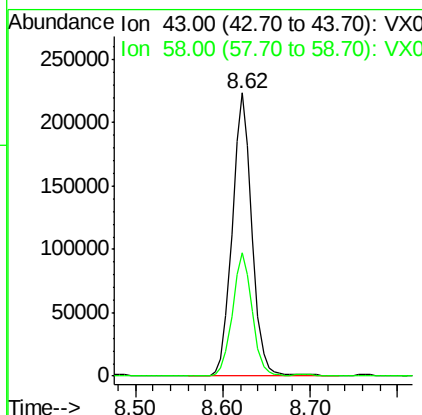
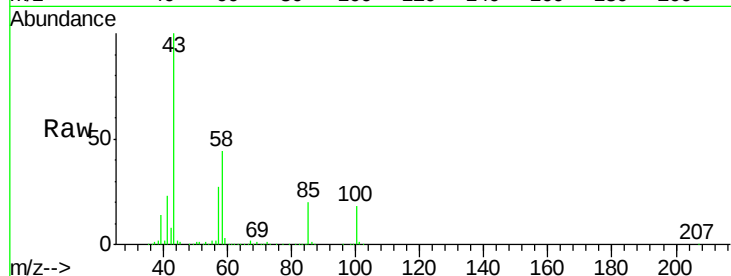
#51
4-Methyl-2-Pentanone
Concen: 98.175 ug/l
RT: 8.62 min Scan# 1236
Delta R.T. -0.00 min
Lab File: VX019490.D
Acq: 20 Nov 2020 10:30

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tot Ion	43	Resp	350768
Ion Ratio	43	100	
Lower	58	43.7	35.1
Upper			52.7

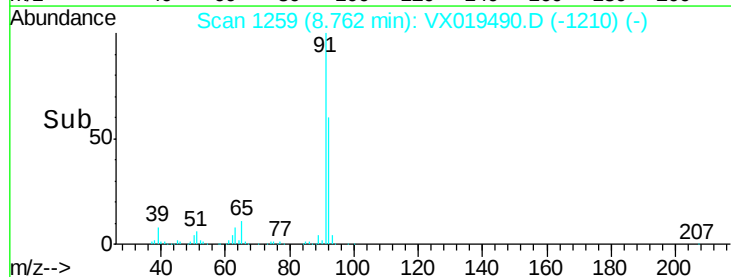
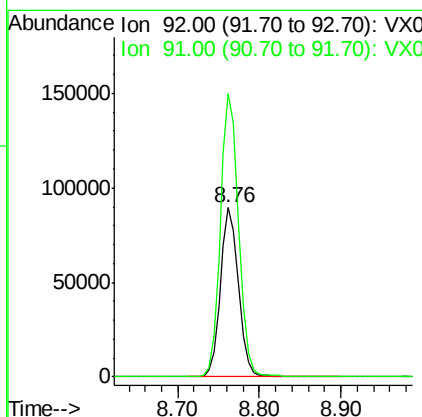
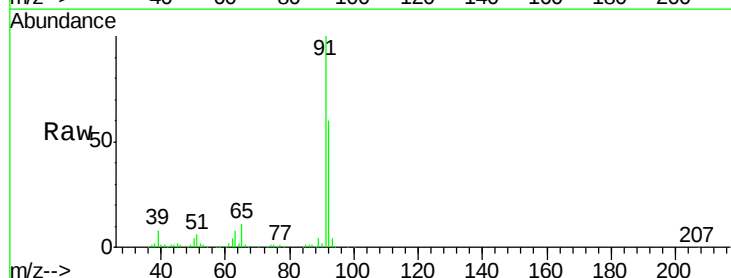
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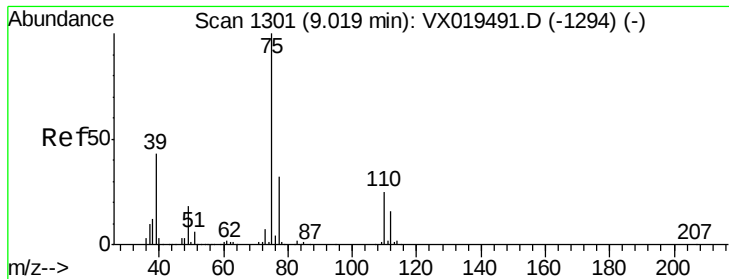
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#52
Toluene
Concen: 18.953 ug/l
RT: 8.76 min Scan# 1259
Delta R.T. -0.00 min
Lab File: VX019490.D
Acq: 20 Nov 2020 10:30

Tgt Ion	92	Resp	138314
Ion Ratio	92	100	
Lower	91	168.4	138.1
Upper			207.1





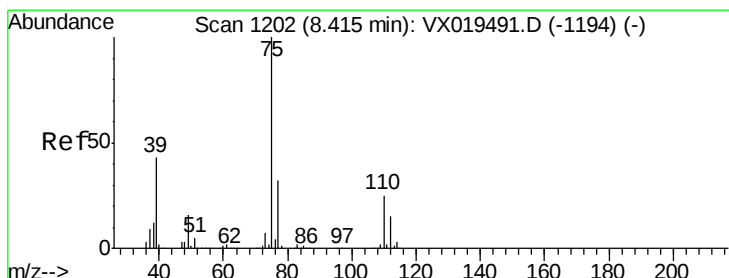
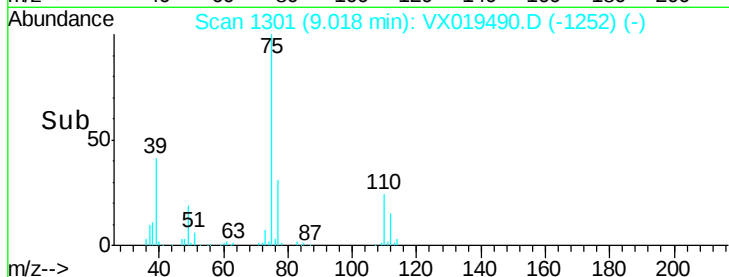
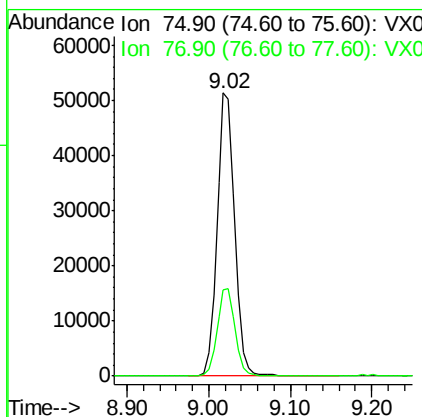
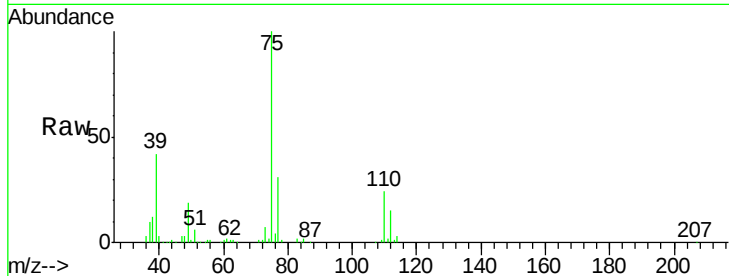
#53
t-1,3-Dichloropropene
Concen: 18.419 ug/l
RT: 9.02 min Scan# 1301
Delta R.T. -0.00 min
Lab File: VX019490.D
Acq: 20 Nov 2020 10:30

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tot Ion: 75 Resp: 77586
Ion Ratio Lower Upper
75 100
77 30.7 25.3 37.9

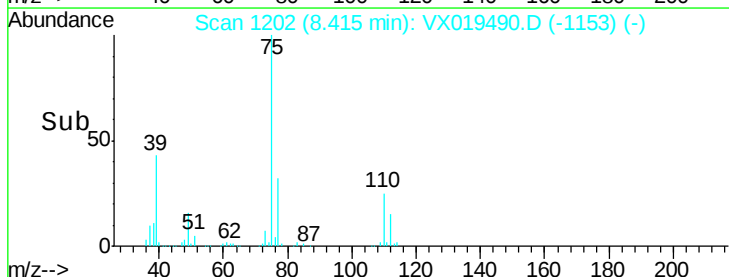
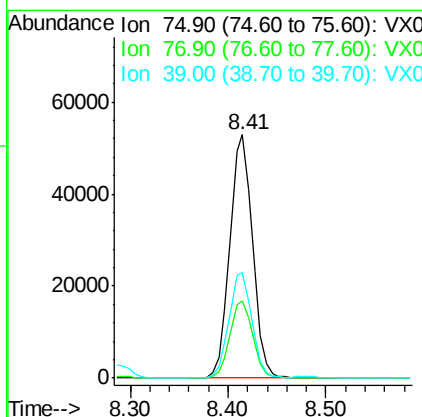
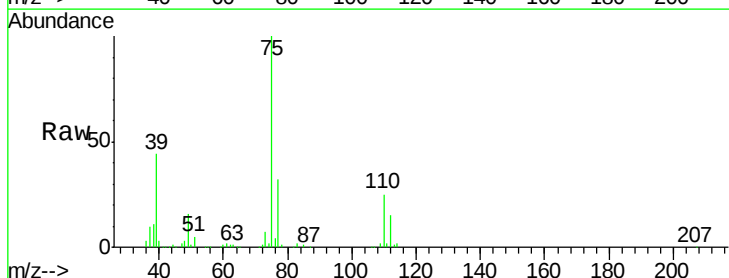
Manual Integrations
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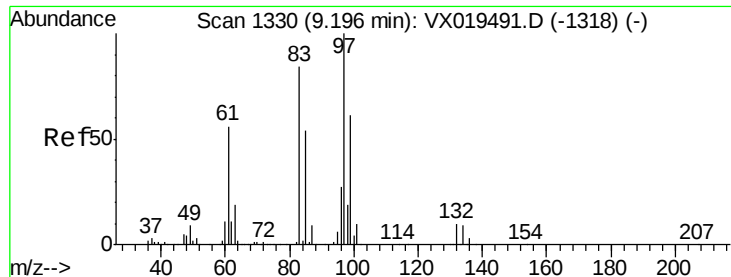
MMDadoda
11/23/2020 3:50:32 PM



#54
cis-1,3-Dichloropropene
Concen: 18.274 ug/l
RT: 8.41 min Scan# 1202
Delta R.T. -0.00 min
Lab File: VX019490.D
Acq: 20 Nov 2020 10:30

Tgt Ion: 75 Resp: 85420
Ion Ratio Lower Upper
75 100
77 31.8 25.8 38.6
39 43.5 34.6 51.8





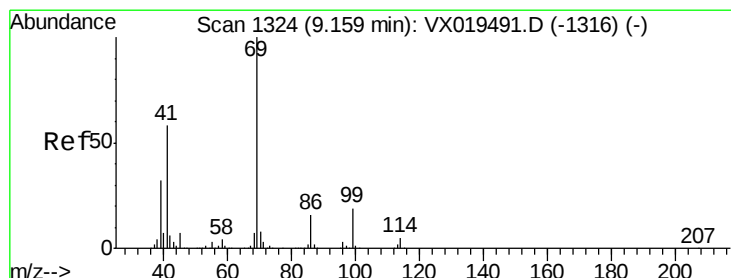
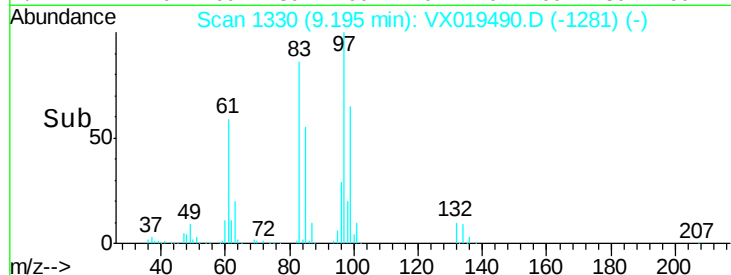
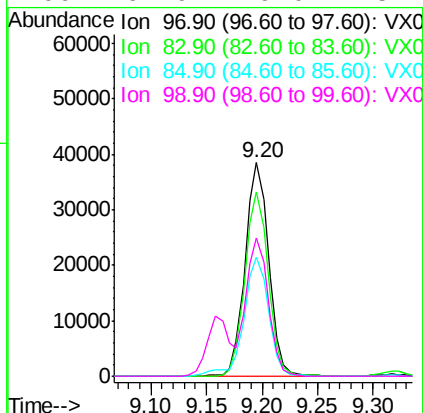
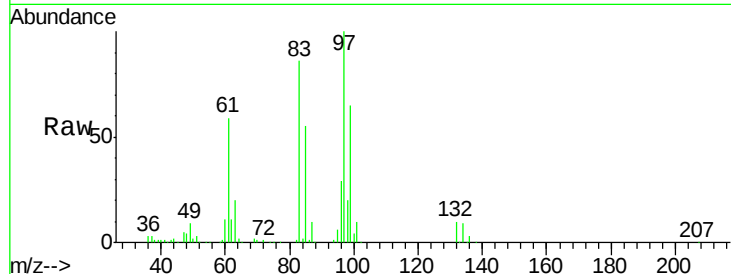
#55
 1,1,2-Trichloroethane
 Concen: 19.077 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX019490.D
 Acq: 20 Nov 2020 10:30

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

Tot Ion:	97	Resp:	56698
Ion	Ratio	Lower	Upper
97	100		
83	86.4	67.0	100.6
85	55.5	43.4	65.0
99	64.9	49.0	73.4

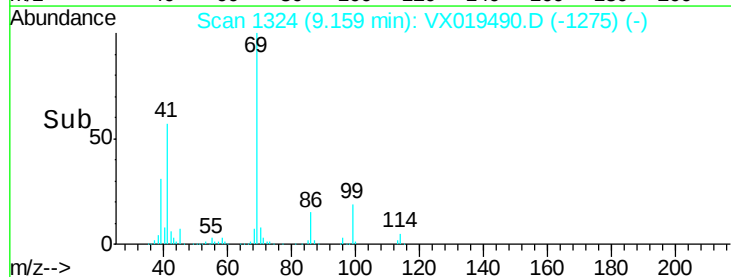
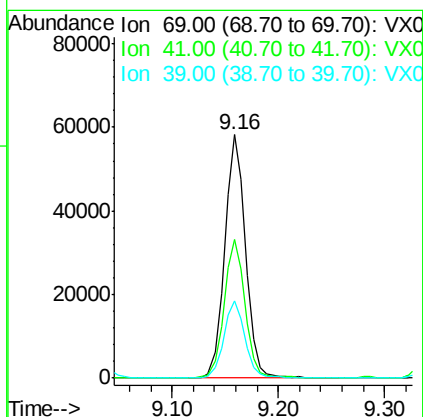
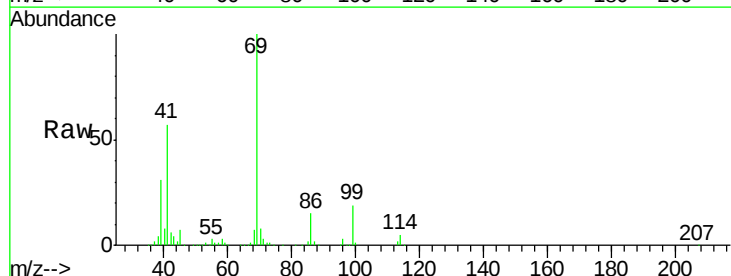
Manual Integrations
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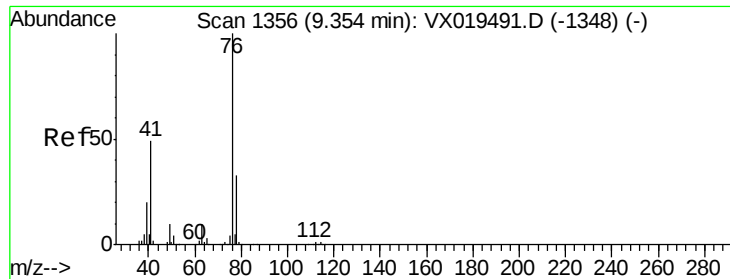
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#56
 Ethyl methacrylate
 Concen: 18.958 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX019490.D
 Acq: 20 Nov 2020 10:30

Tgt Ion:	69	Resp:	79727
Ion	Ratio	Lower	Upper
69	100		
41	56.8	46.2	69.2
39	32.1	25.5	38.3





#57

1,3-Dichloropropane

Concen: 18.948 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX019490.D

Acq: 20 Nov 2020 10:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tot Ion: 76 Resp: 94284

Ion Ratio Lower Upper

76 100

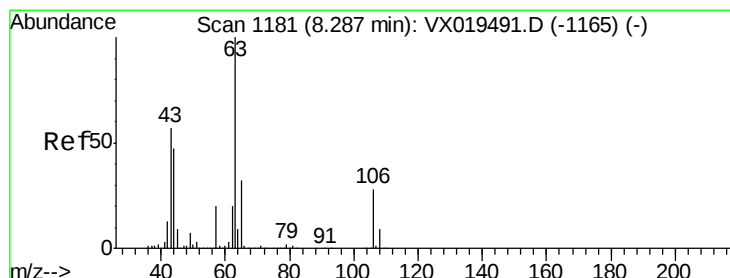
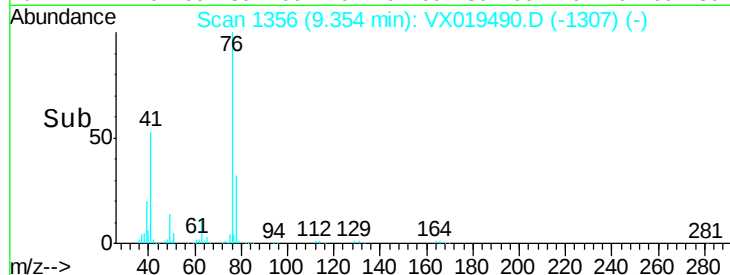
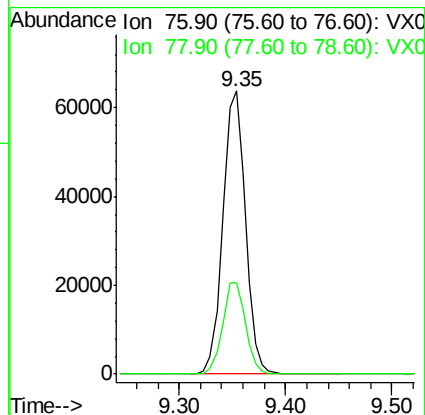
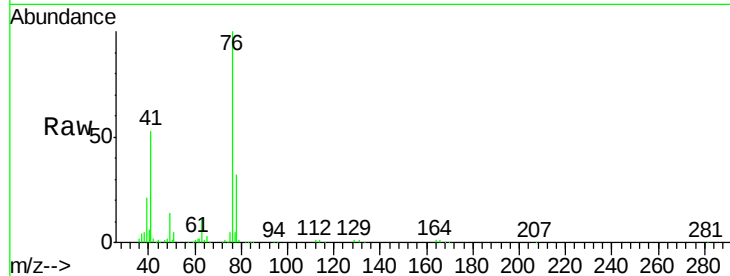
78 33.2 25.7 38.5

Manual Integrations

APPROVED

MMDadoda

11/23/2020 3:50:32 PM



#58

2-Chloroethyl Vinyl ether

Concen: 92.532 ug/l

RT: 8.29 min Scan# 1181

Delta R.T. -0.00 min

Lab File: VX019490.D

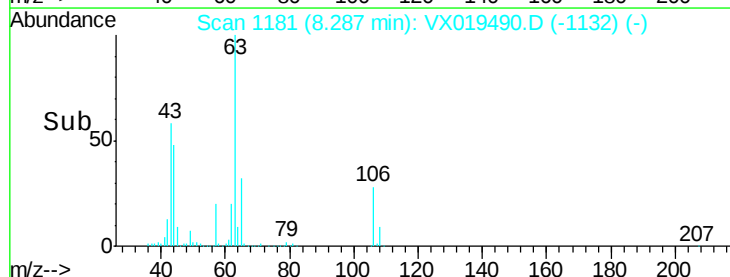
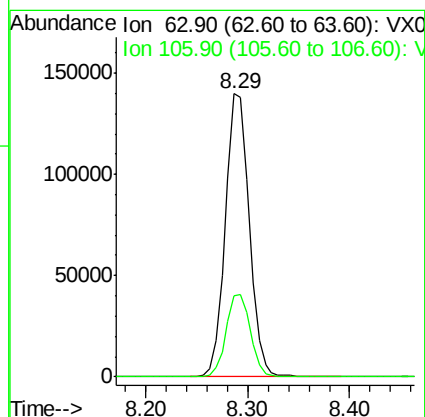
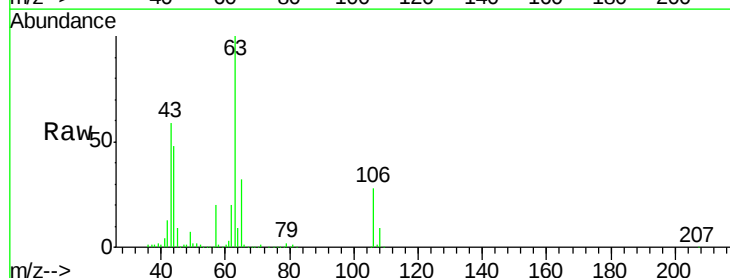
Acq: 20 Nov 2020 10:30

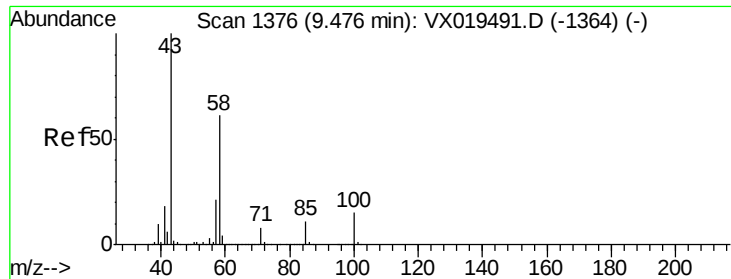
Tgt Ion: 63 Resp: 228018

Ion Ratio Lower Upper

63 100

106 29.5 23.7 35.5





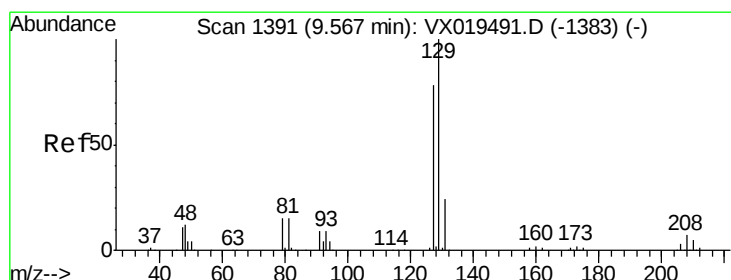
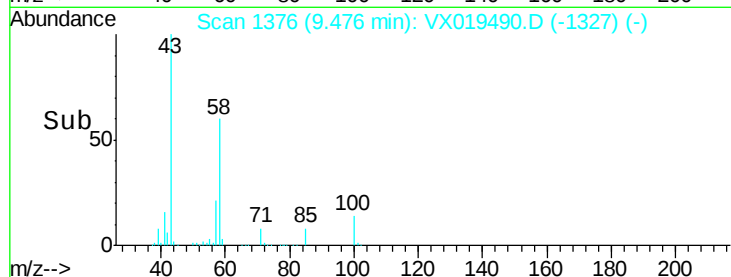
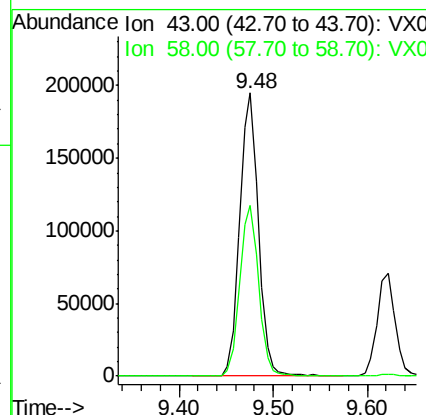
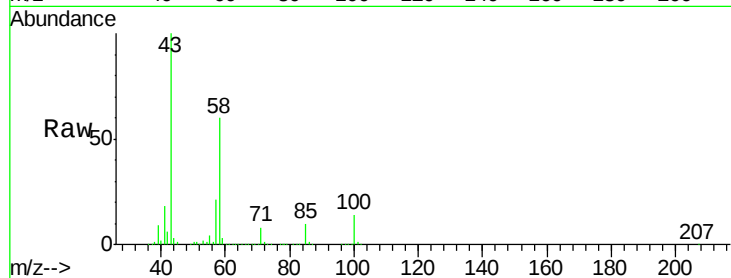
#59
2-Hexanone
Concen: 99.446 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. -0.00 min
Lab File: VX019490.D
Acq: 20 Nov 2020 10:30

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tot Ion: 43 Resp: 269474
Ion Ratio Lower Upper
43 100
58 60.7 30.6 91.6

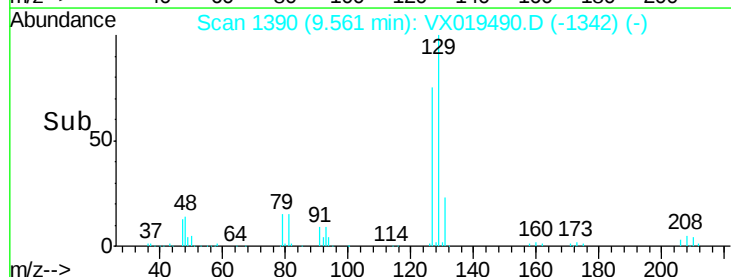
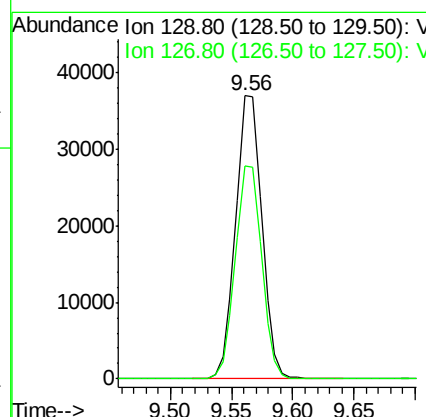
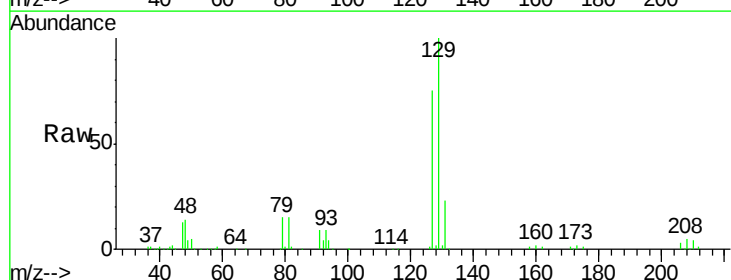
Manual Integrations
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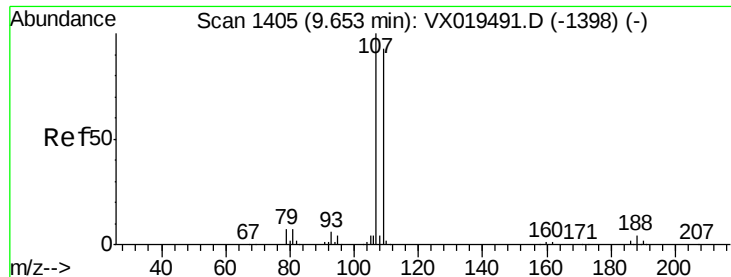
MMDadoda
11/23/2020 3:50:32 PM



#60
Dibromochloromethane
Concen: 18.829 ug/l
RT: 9.56 min Scan# 1390
Delta R.T. -0.01 min
Lab File: VX019490.D
Acq: 20 Nov 2020 10:30

Tgt Ion: 129 Resp: 54814
Ion Ratio Lower Upper
129 100
127 75.7 39.0 116.9





#61

1,2-Dibromoethane

Concen: 19.211 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX019490.D

Acq: 20 Nov 2020 10:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tot Ion:107 Resp: 58853

Ion Ratio Lower Upper

107 100

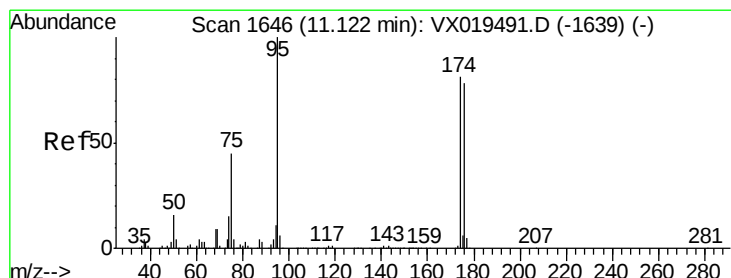
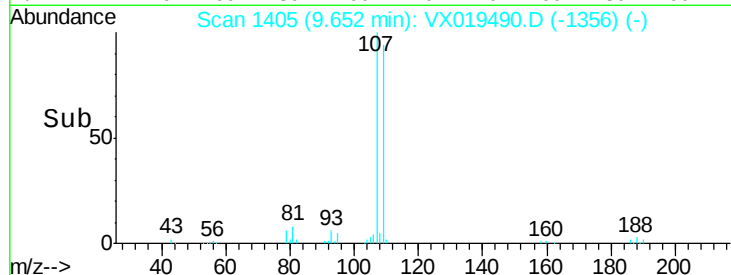
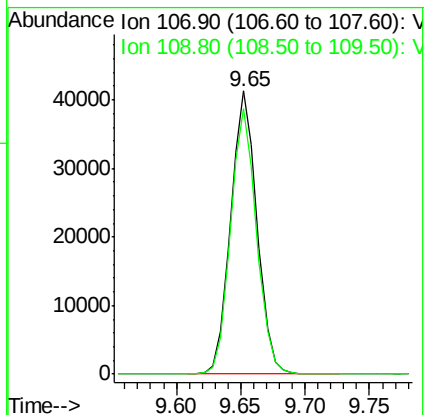
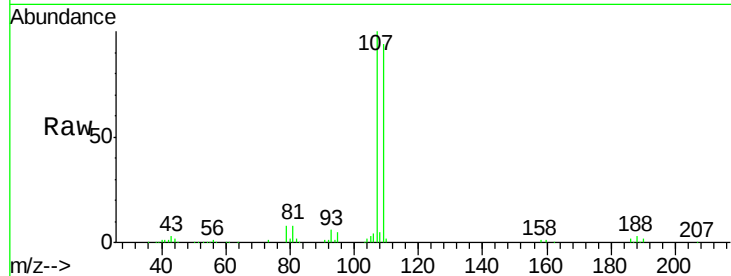
109 92.9 74.8 112.2

Manual Integrations

APPROVED

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11/23/2020 3:50:32 PM



#62

4-Bromofluorobenzene

Concen: 17.754 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX019490.D

Acq: 20 Nov 2020 10:30

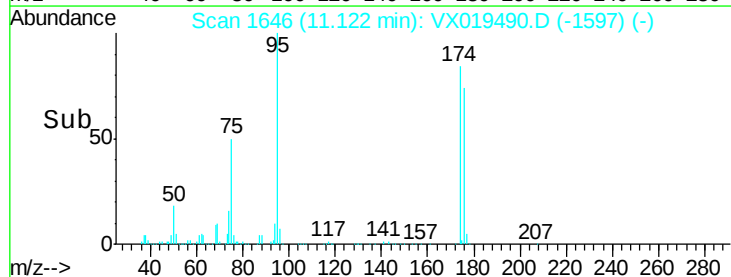
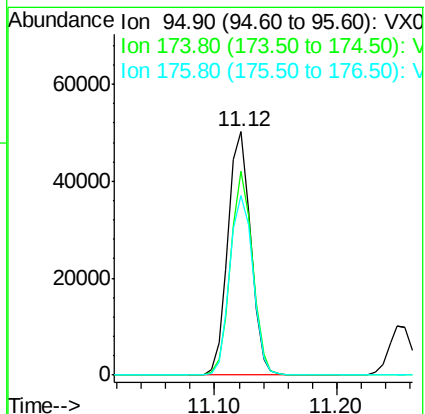
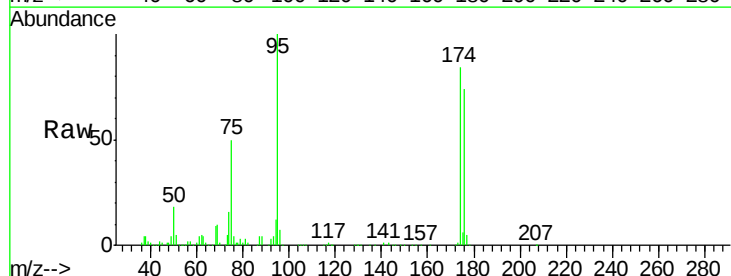
Tgt Ion: 95 Resp: 64523

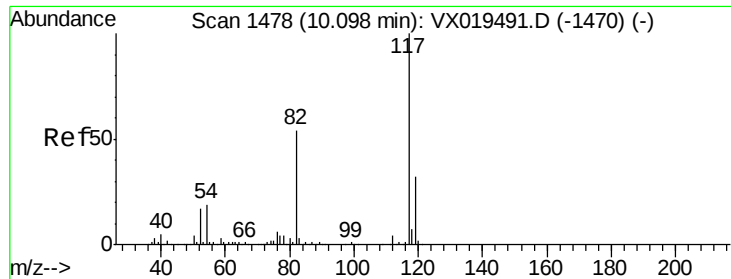
Ion Ratio Lower Upper

95 100

174 80.6 0.0 156.2

176 75.5 0.0 151.4





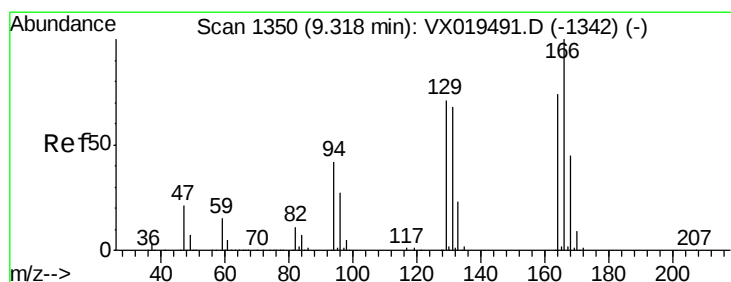
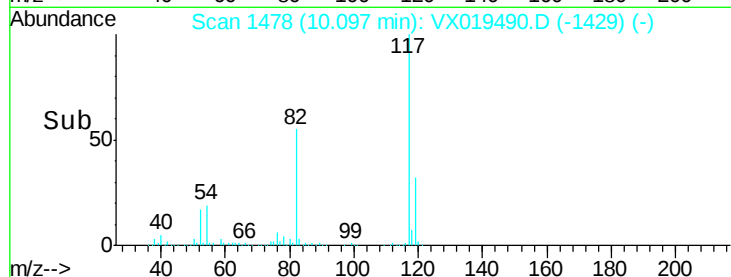
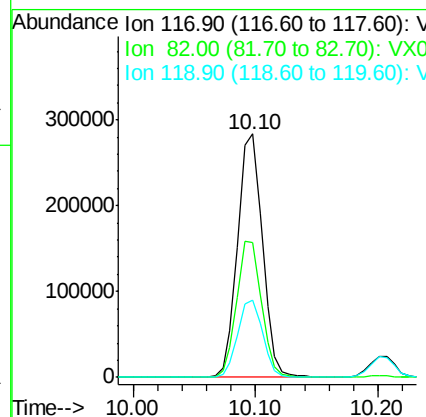
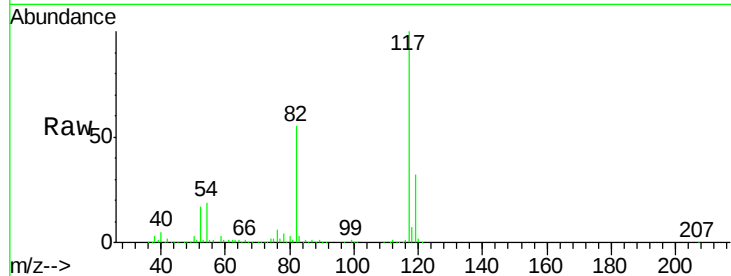
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX019490.D
Acq: 20 Nov 2020 10:30

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Resp	Lower	Upper
117	100	397367		
82	55.4	43.0	64.4	
119	31.9	25.6	38.4	

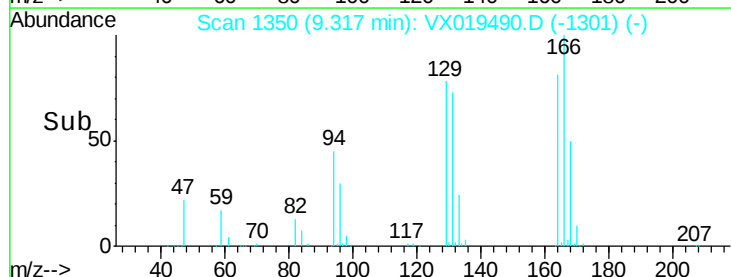
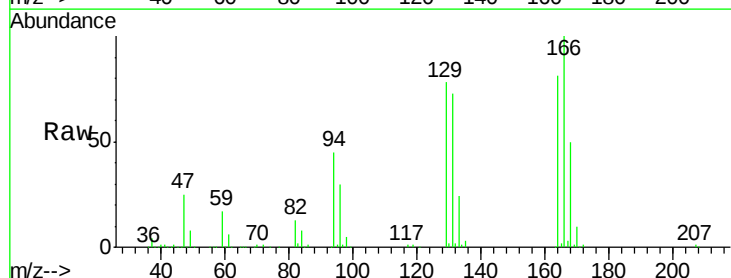
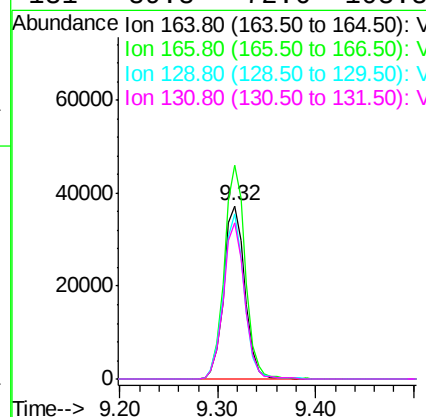
Manual Integrations
APPROVED

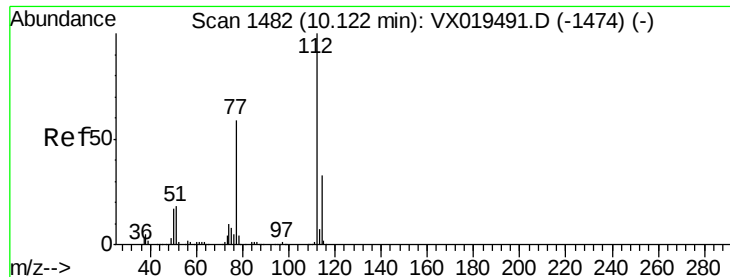
MMDadoda
11/23/2020 3:50:32 PM



#64
Tetrachloroethene
Concen: 17.793 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX019490.D
Acq: 20 Nov 2020 10:30

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	55578		
166	123.2	107.4	161.0	
129	95.5	76.6	114.8	
131	89.8	72.6	108.8	





#65

Chlorobenzene

Concen: 18.015 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. -0.00 min

Lab File: VX019490.D

Acq: 20 Nov 2020 10:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tot Ion:112 Resp: 147182

Ion Ratio Lower Upper

112 100

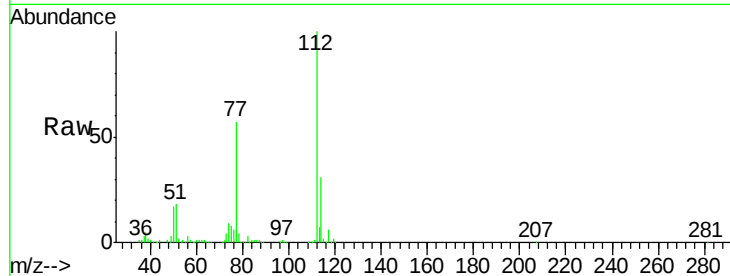
114 31.5 26.0 39.0

Manual Integrations

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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

120000

100000

80000

60000

40000

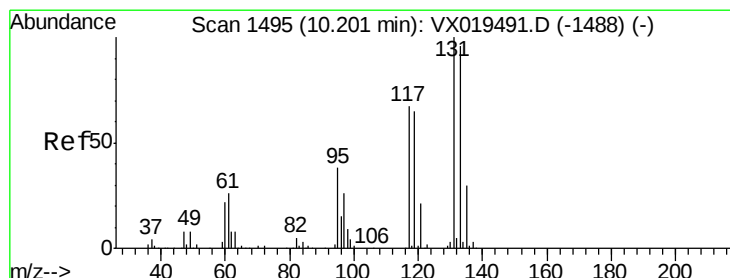
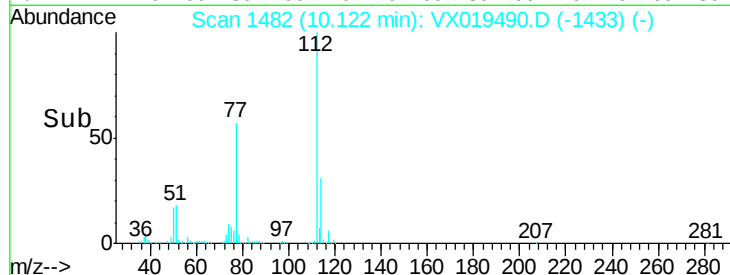
20000

0

10.10

10.20

Time-->



#66

1,1,1,2-Tetrachloroethane

Concen: 17.918 ug/l

RT: 10.20 min Scan# 1495

Delta R.T. -0.00 min

Lab File: VX019490.D

Acq: 20 Nov 2020 10:30

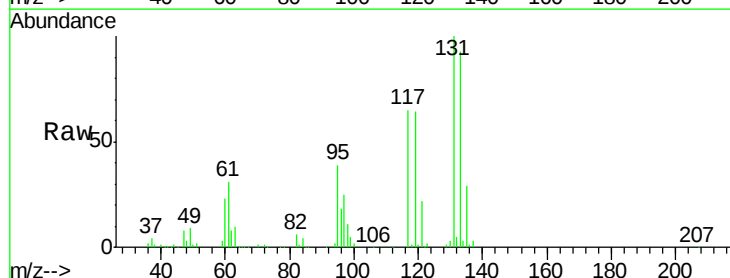
Tgt Ion:131 Resp: 53248

Ion Ratio Lower Upper

131 100

133 95.5 48.5 145.5

119 63.5 33.0 99.0



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

50000

40000

30000

20000

10000

0

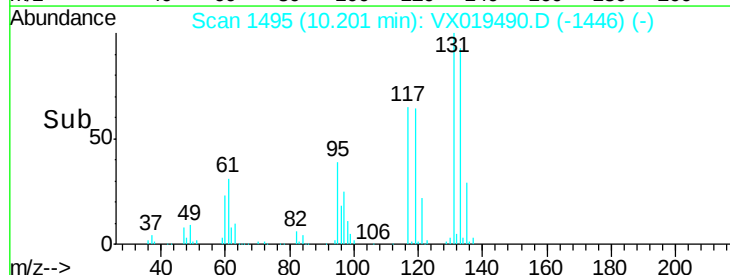
10.15

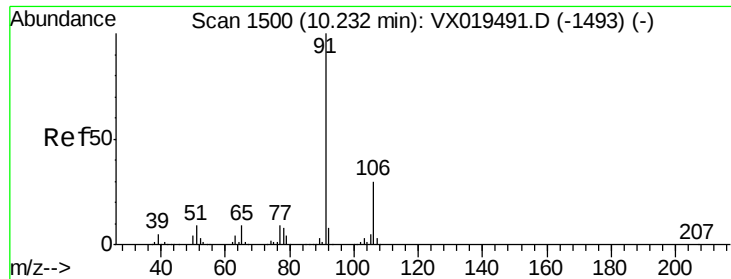
10.20

10.25

10.30

Time-->





#67

Ethyl Benzene

Concen: 18.072 ug/l

RT: 10.23 min Scan# 1500

Delta R.T. -0.00 min

Lab File: VX019490.D

Acq: 20 Nov 2020 10:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tot Ion: 91 Resp: 258661

Ion Ratio Lower Upper

91 100

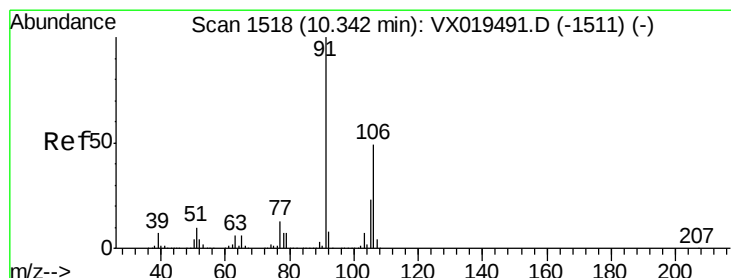
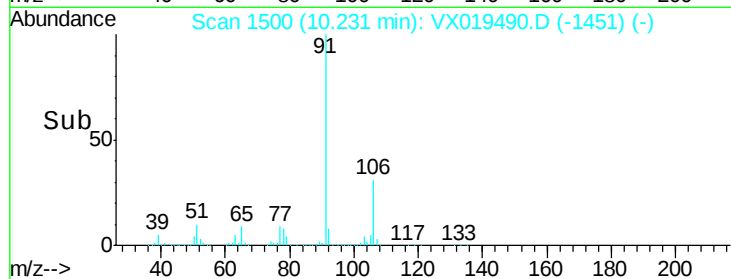
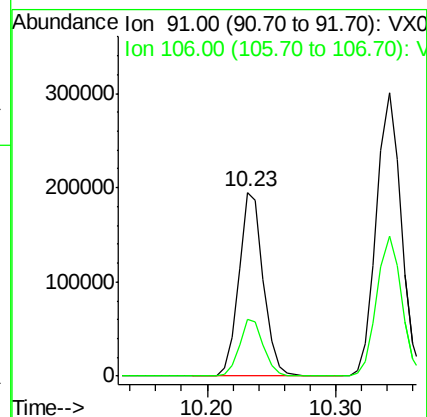
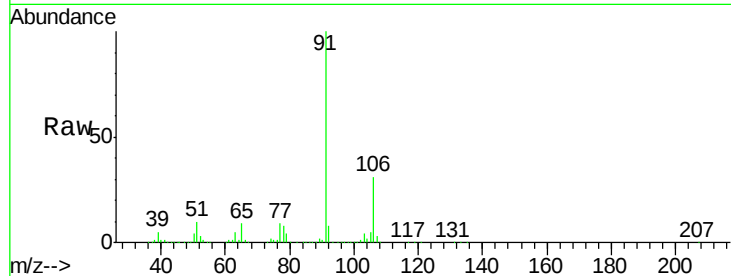
106 30.7 24.0 36.0

Manual Integrations

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#68

m/p-Xylenes

Concen: 37.116 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VX019490.D

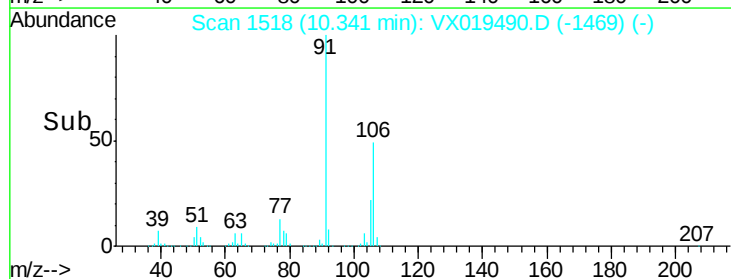
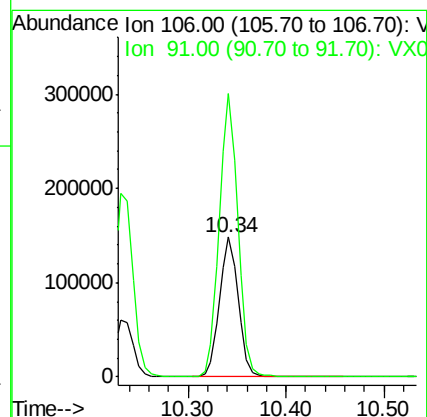
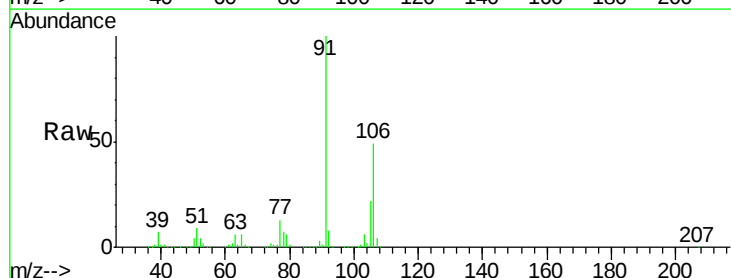
Acq: 20 Nov 2020 10:30

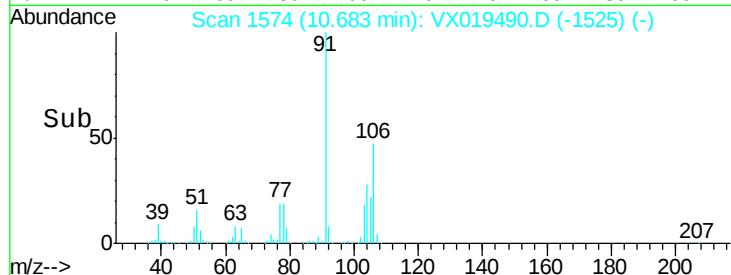
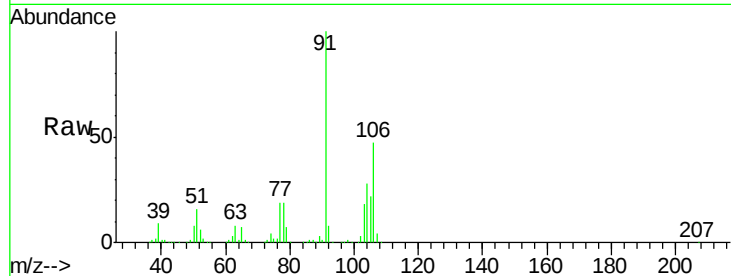
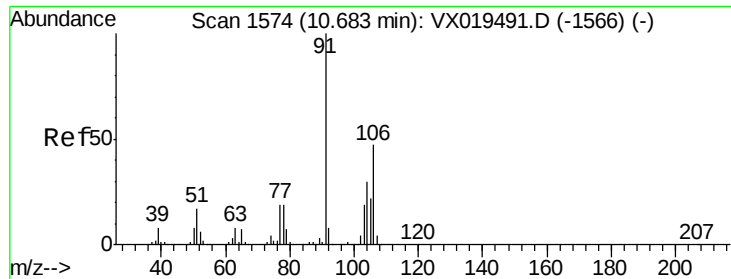
Tgt Ion: 106 Resp: 197913

Ion Ratio Lower Upper

106 100

91 201.4 163.3 244.9





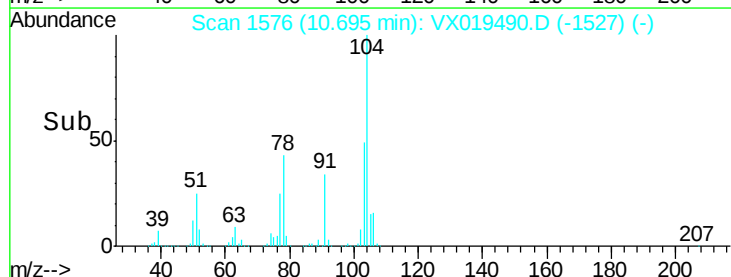
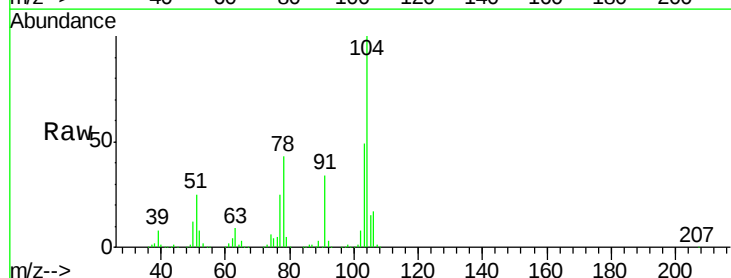
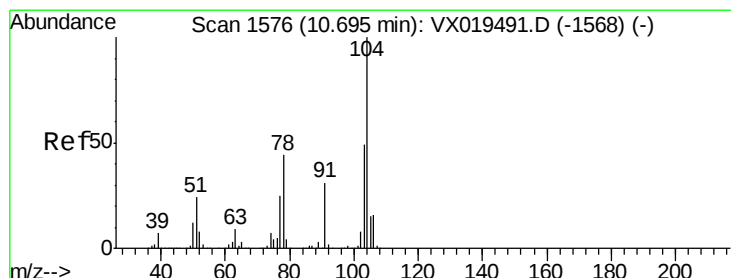
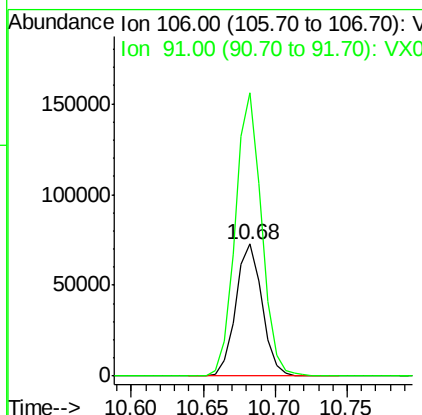
#69
o-Xylene
Concen: 18.311 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX019490.D
Acq: 20 Nov 2020 10:30

Tot Ion:106 Resp: 93338
Ion Ratio Lower Upper
106 100
91 213.5 108.0 324.0

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

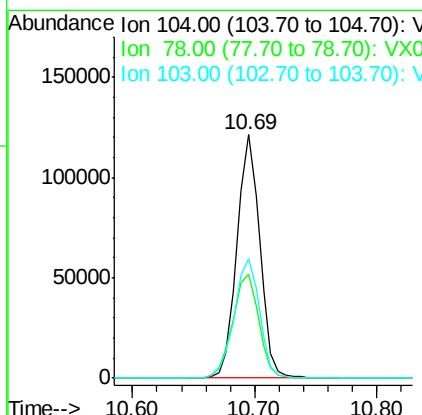
Manual Integrations
APPROVED

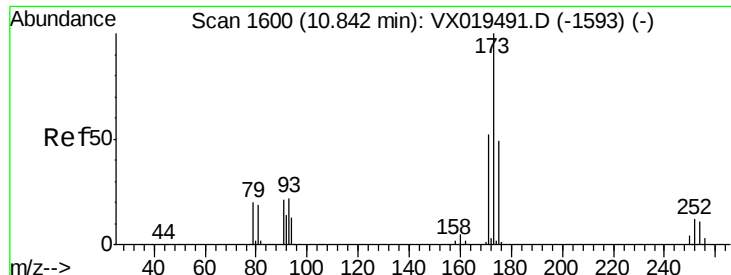
MMDadoda
11/23/2020 3:50:32 PM



#70
Styrene
Concen: 18.464 ug/l
RT: 10.69 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX019490.D
Acq: 20 Nov 2020 10:30

Tgt Ion:104 Resp: 156231
Ion Ratio Lower Upper
104 100
78 49.2 39.5 59.3
103 54.4 43.6 65.4





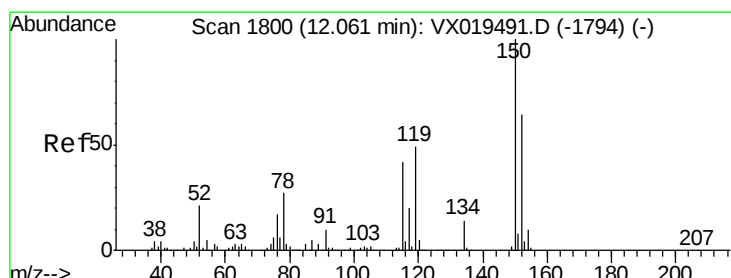
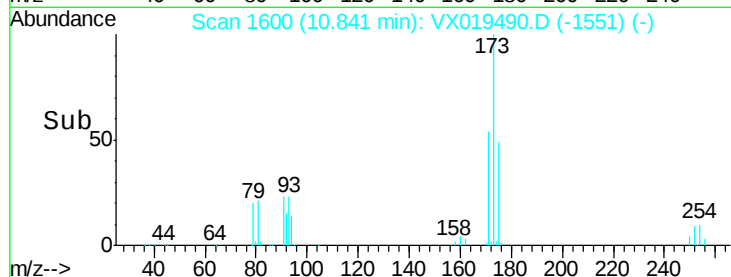
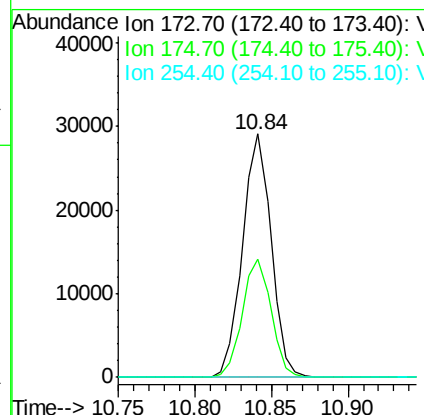
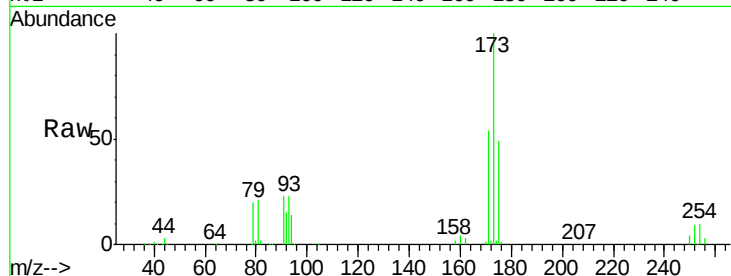
#71
Bromoform
Concen: 17.418 ug/l
RT: 10.84 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VX019490.D
Acq: 20 Nov 2020 10:30

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.8	24.9	74.8
254	0.0	0.1	0.1#

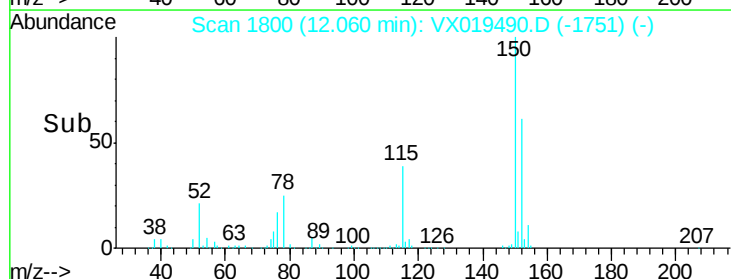
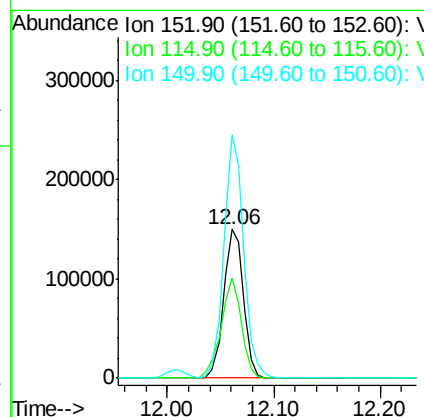
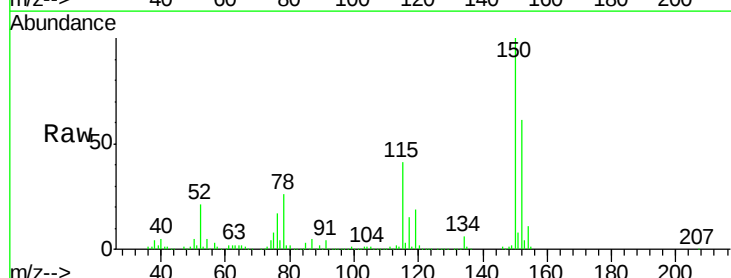
Manual Integrations
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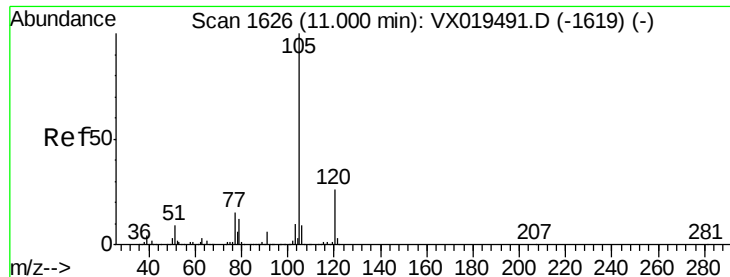
MMDadoda
11/23/2020 3:50:32 PM



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VX019490.D
Acq: 20 Nov 2020 10:30

Tgt Ion	Ratio	Lower	Upper
152	100		
115	68.8	41.8	125.4
150	164.0	0.0	348.2





#73

Isopropylbenzene

Concen: 18.694 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX019490.D

Acq: 20 Nov 2020 10:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tot Ion: 105 Resp: 248965

Ion Ratio Lower Upper

105 100

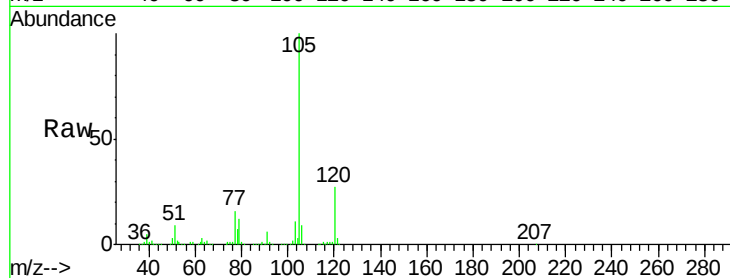
120 26.2 13.0 39.0

Manual Integrations

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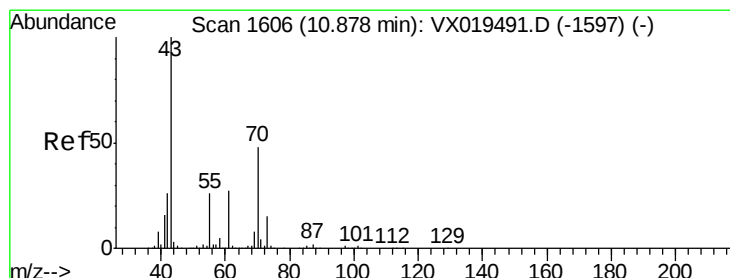
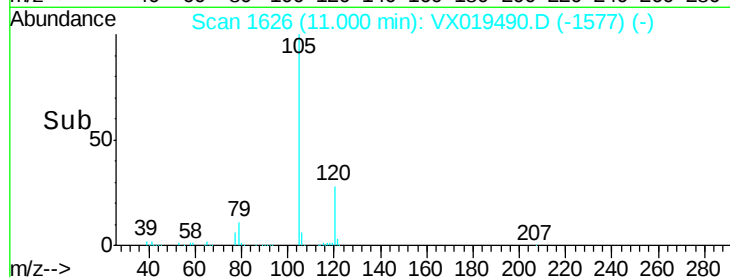
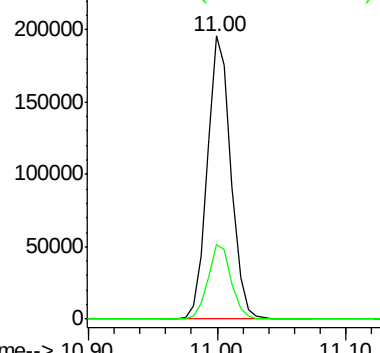
MMDadoda

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 17.905 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX019490.D

Acq: 20 Nov 2020 10:30

Tgt Ion: 43 Resp: 89353

Ion Ratio Lower Upper

43 100

70 49.5 39.7 59.5

55 28.8 21.8 32.6

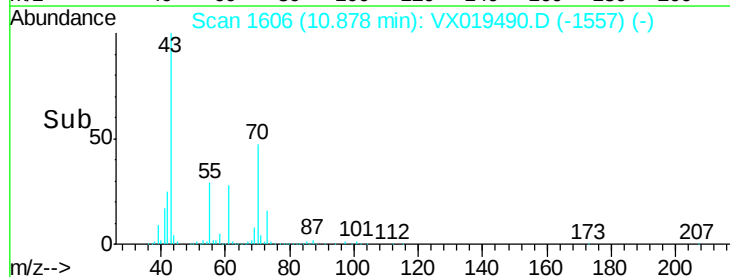
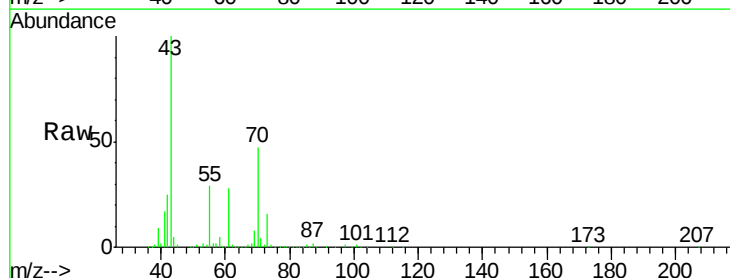
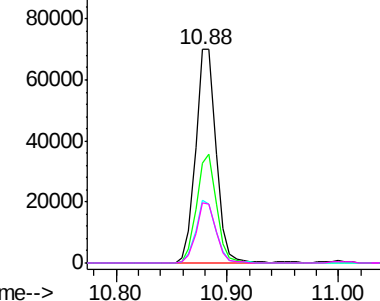
61 27.6 22.2 33.4

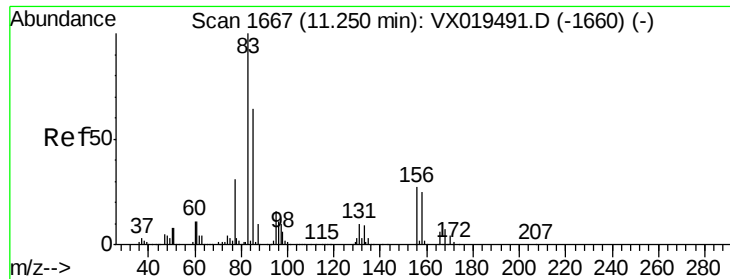
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 18.050 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX019490.D

Acq: 20 Nov 2020 10:30

Instrument :

MSVOA_X

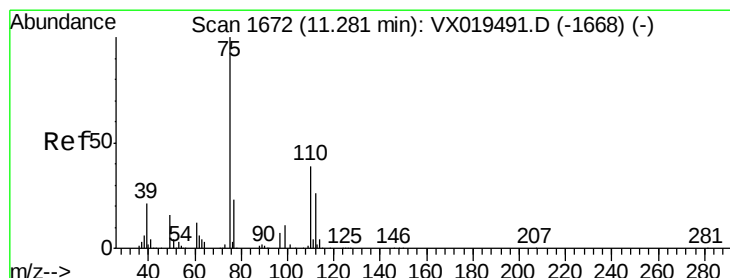
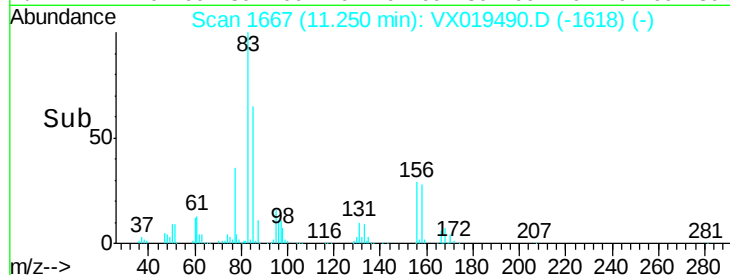
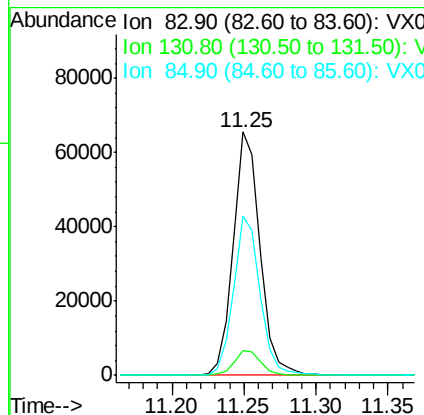
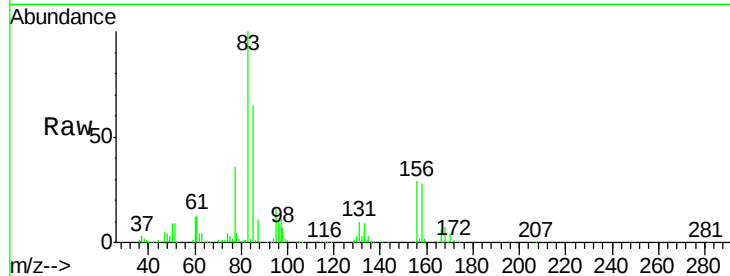
ClientSampleId :

VSTDIC020

Tot Ion	83	Resp	85967
Ion Ratio	100	Lower	Upper
83	100		
131	10.2	5.0	15.0
85	64.8	32.4	97.2

Manual Integrations
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11/23/2020 3:50:32 PM



#76

1,2,3-Trichloropropane

Concen: 18.682 ug/l m

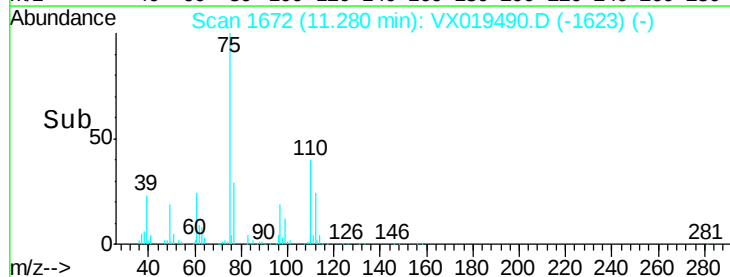
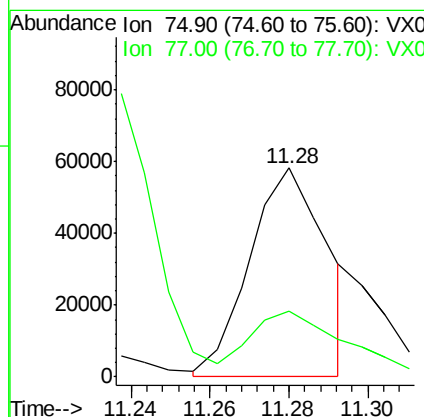
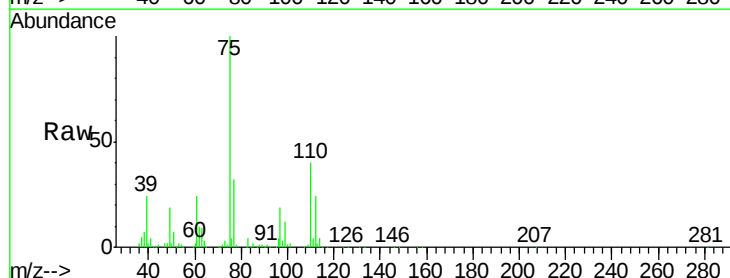
RT: 11.28 min Scan# 1672

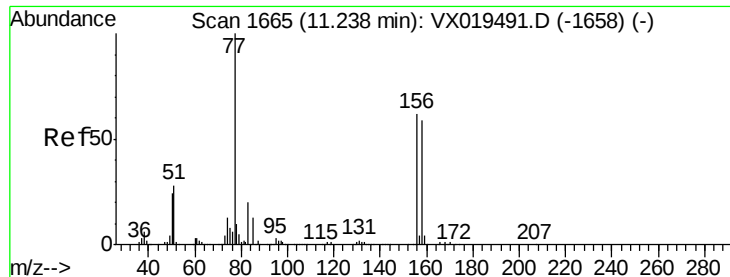
Delta R.T. -0.00 min

Lab File: VX019490.D

Acq: 20 Nov 2020 10:30

Tgt Ion	75	Resp	78491
Ion Ratio	100	Lower	Upper
75	100		
77	39.4	20.0	60.0





#77

Bromobenzene

Concen: 17.944 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX019490.D

Acq: 20 Nov 2020 10:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tot Ion:156 Resp: 61008

Ion Ratio Lower Upper

156 100

77 166.9 82.5 247.3

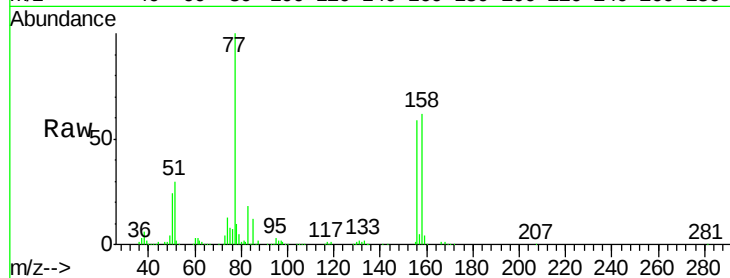
158 99.9 48.9 146.7

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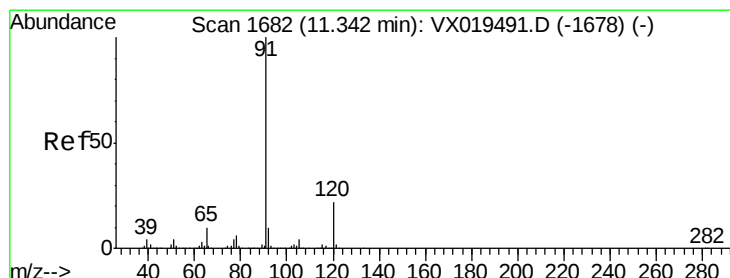
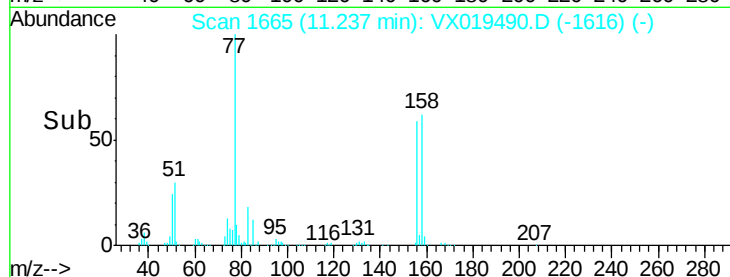
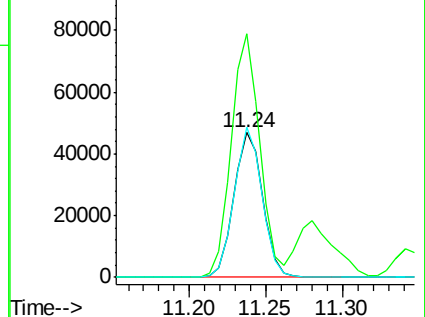
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 18.542 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VX019490.D

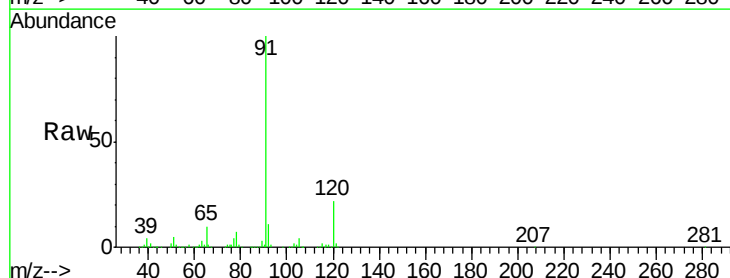
Acq: 20 Nov 2020 10:30

Tgt Ion: 91 Resp: 283294

Ion Ratio Lower Upper

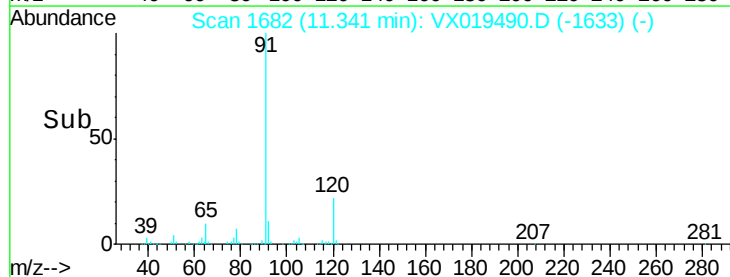
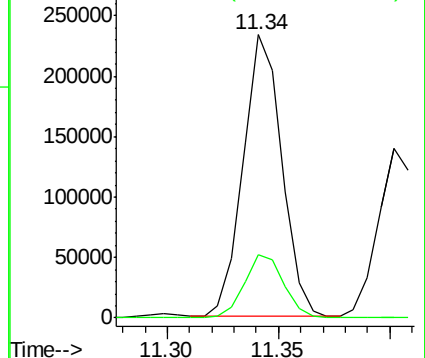
91 100

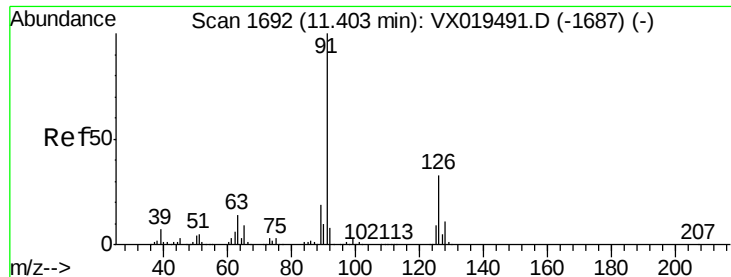
120 22.9 11.5 34.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 18.656 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.00 min

Lab File: VX019490.D

Acq: 20 Nov 2020 10:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tot Ion: 91 Resp: 172866

Ion Ratio Lower Upper

91 100

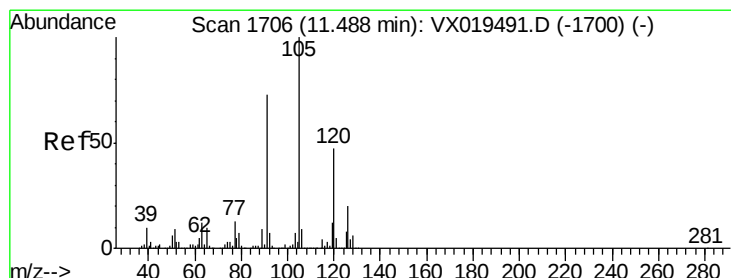
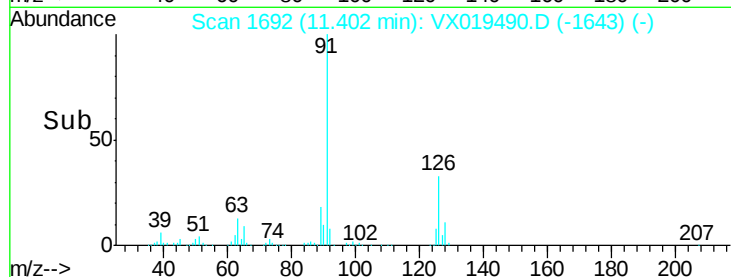
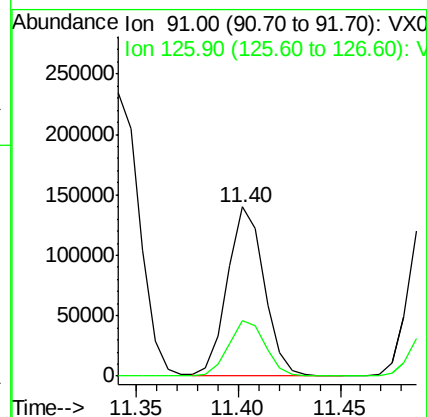
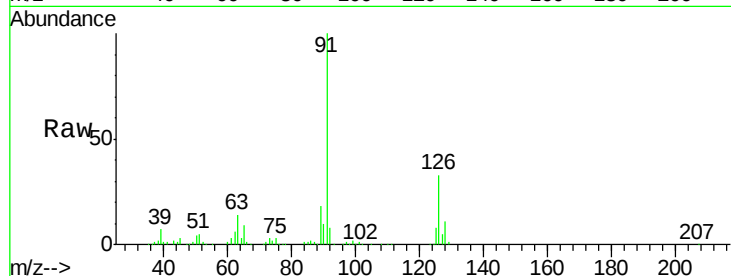
126 33.6 16.7 50.0

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#80

1,3,5-Trimethylbenzene

Concen: 19.049 ug/l

RT: 11.49 min Scan# 1706

Delta R.T. -0.00 min

Lab File: VX019490.D

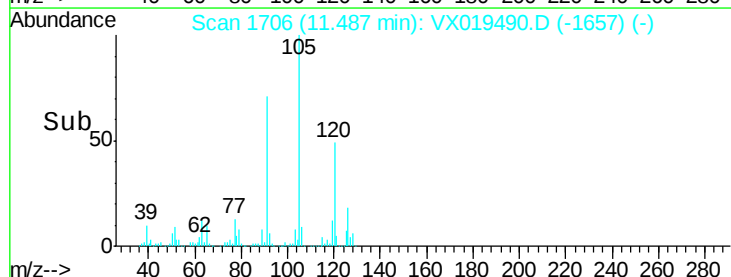
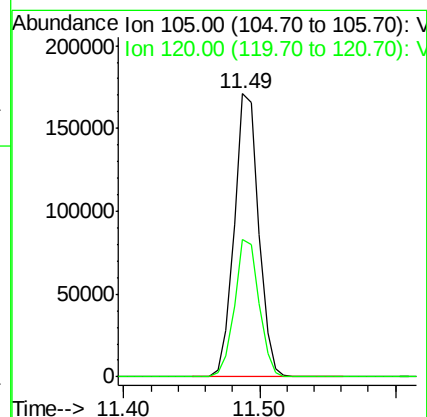
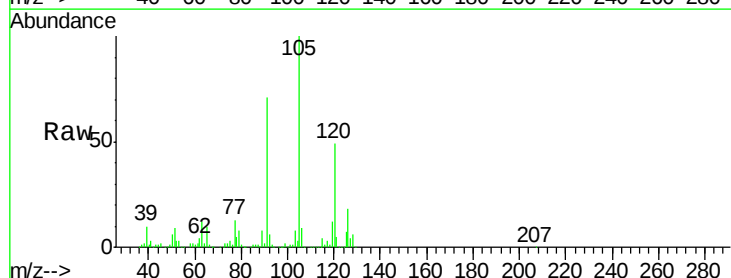
Acq: 20 Nov 2020 10:30

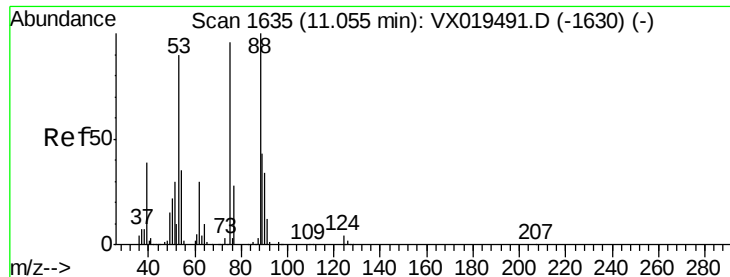
Tgt Ion: 105 Resp: 212821

Ion Ratio Lower Upper

105 100

120 48.7 24.1 72.3





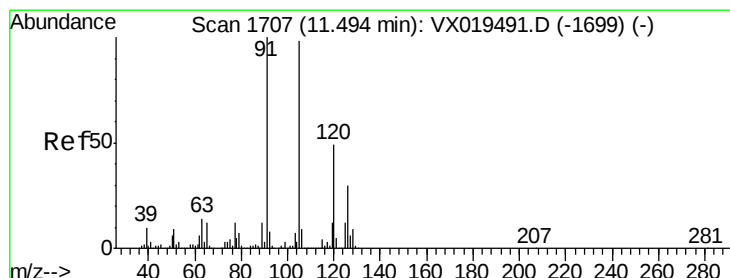
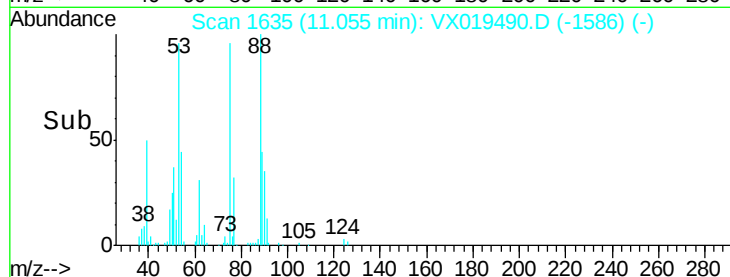
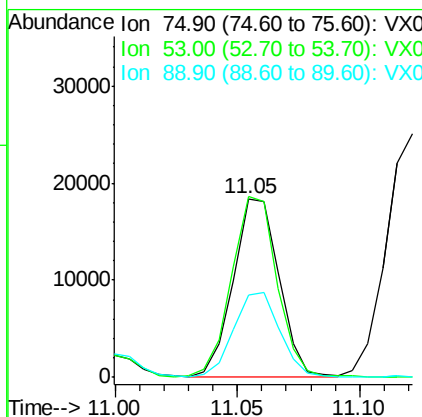
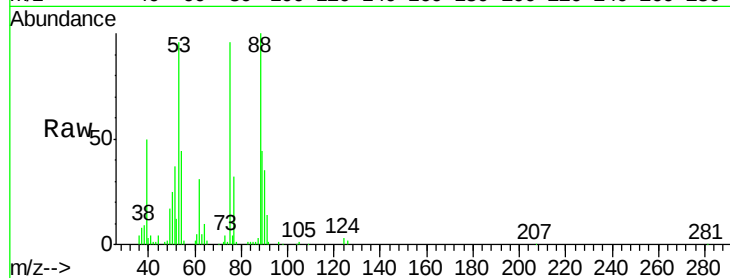
#81
trans-1,4-Dichloro-2-butene
Concen: 16.600 ug/l
RT: 11.05 min Scan# 1635
Delta R.T. -0.00 min
Lab File: VX019490.D
Acq: 20 Nov 2020 10:30

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Lower	Upper
75	100		
53	102.4	73.9	110.9
89	48.6	37.3	55.9

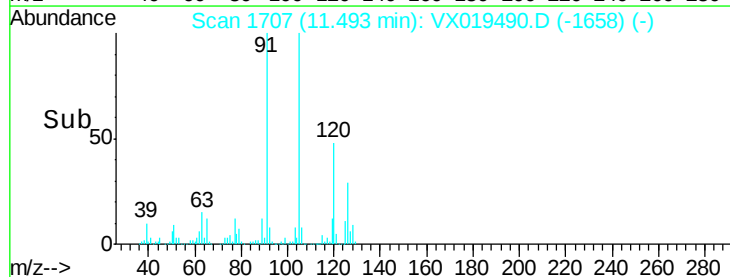
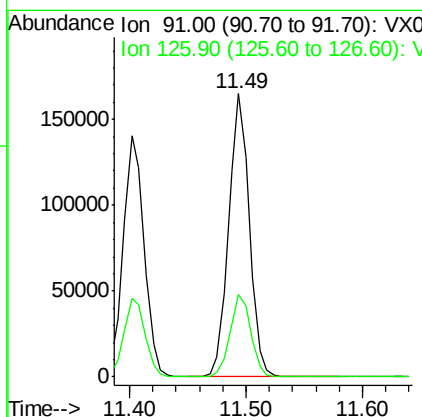
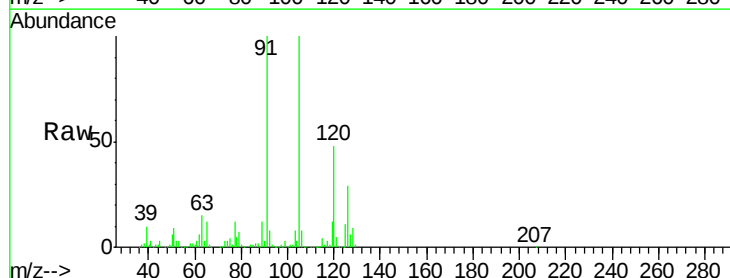
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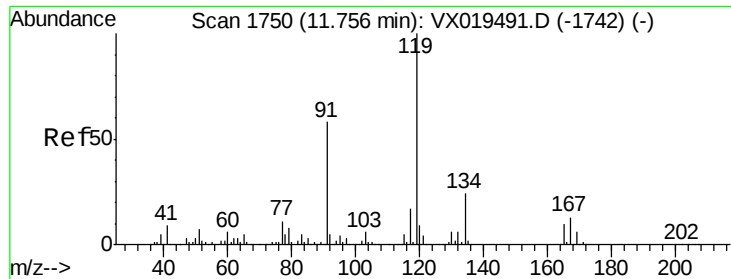
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#82
4-Chlorotoluene
Concen: 18.555 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. -0.00 min
Lab File: VX019490.D
Acq: 20 Nov 2020 10:30

Tgt Ion	Ratio	Lower	Upper
91	100		
126	29.4	14.9	44.7





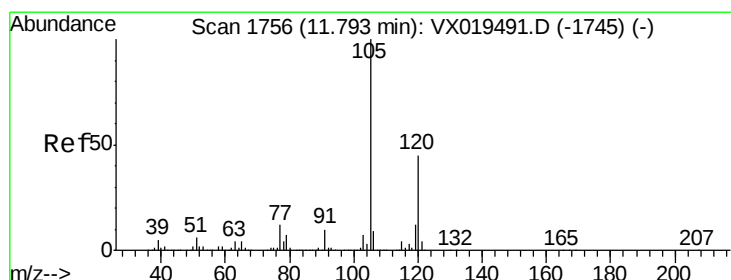
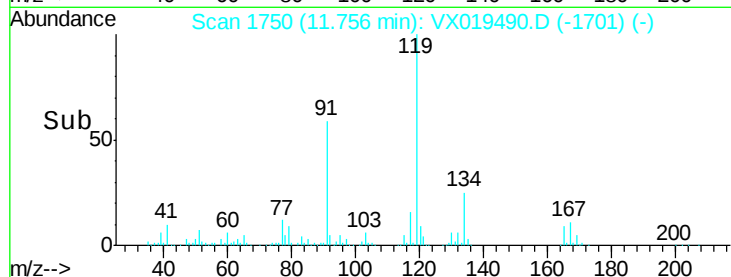
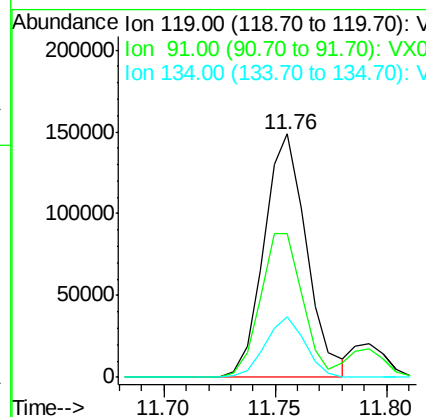
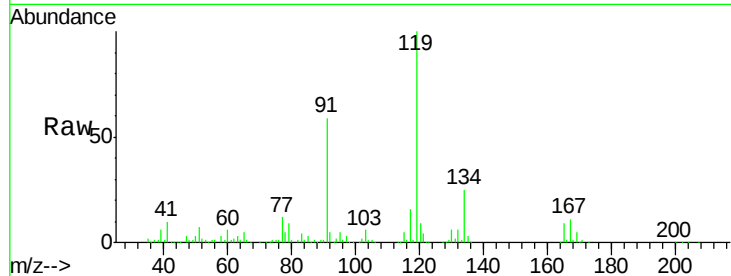
#83
tert-Butylbenzene
Concen: 18.284 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. -0.00 min
Lab File: VX019490.D
Acq: 20 Nov 2020 10:30

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Resp	Lower	Upper
119	100	197624		
91	58.3		28.9	86.8
134	23.4		11.7	35.0

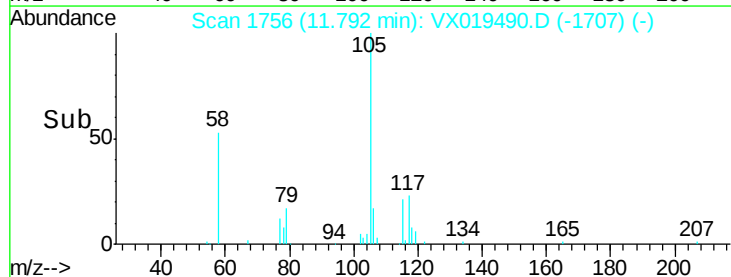
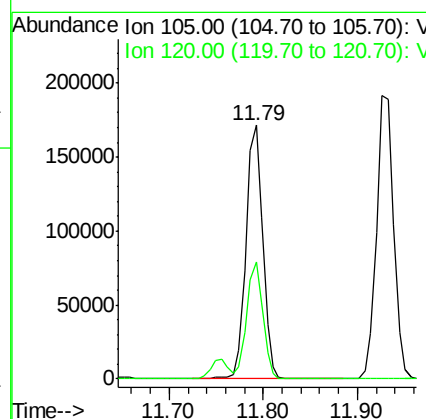
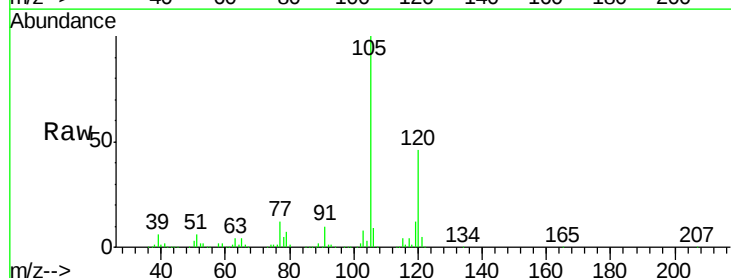
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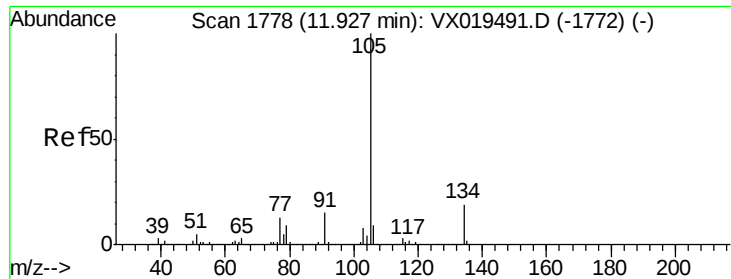
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#84
1,2,4-Trimethylbenzene
Concen: 18.832 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. -0.00 min
Lab File: VX019490.D
Acq: 20 Nov 2020 10:30

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	212881		
120	44.7		22.2	66.6





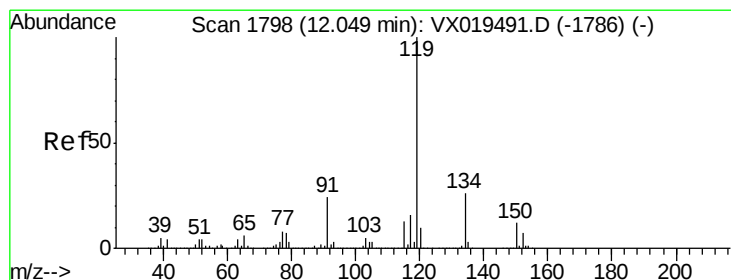
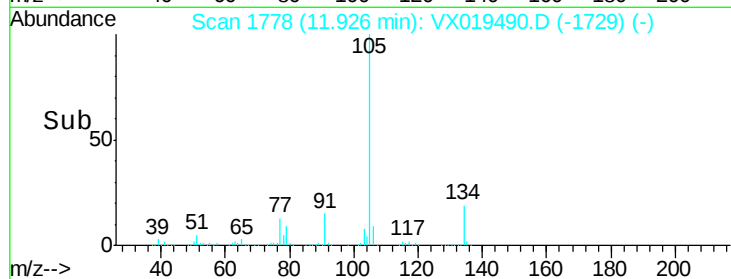
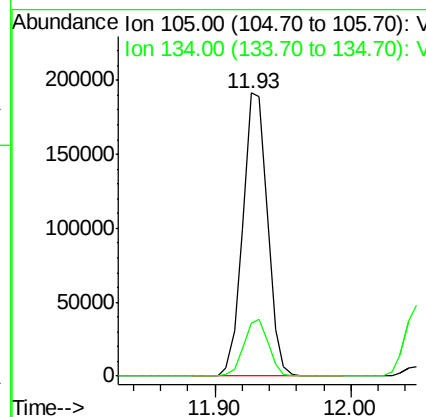
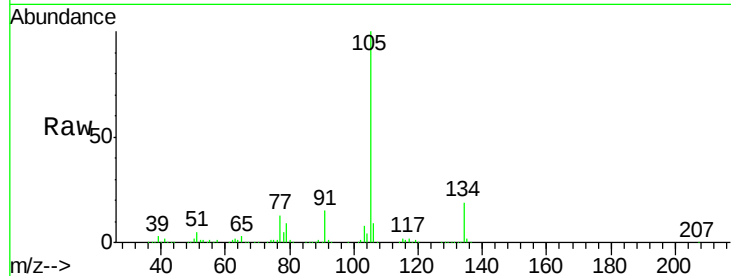
#85
 sec-Butylbenzene
 Concen: 18.776 ug/l
 RT: 11.93 min Scan# 1778
 Delta R.T. -0.00 min
 Lab File: VX019490.D
 Acq: 20 Nov 2020 10:30

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

Tot Ion	Ratio	Lower	Upper
105	100		
134	19.7	10.1	30.3

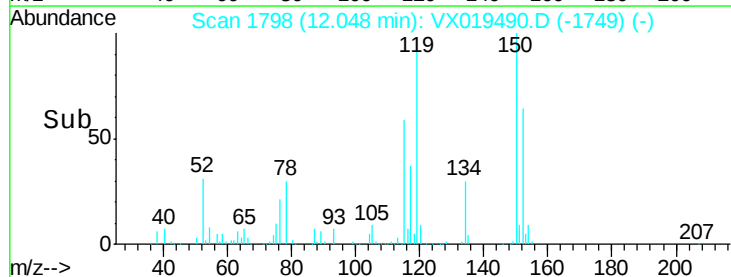
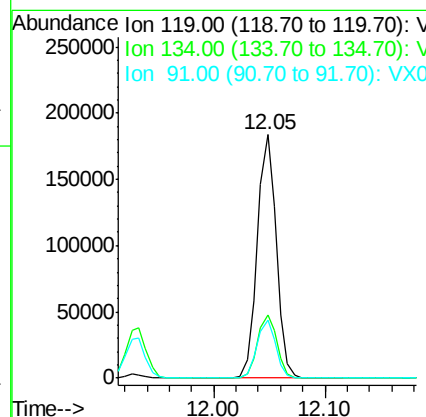
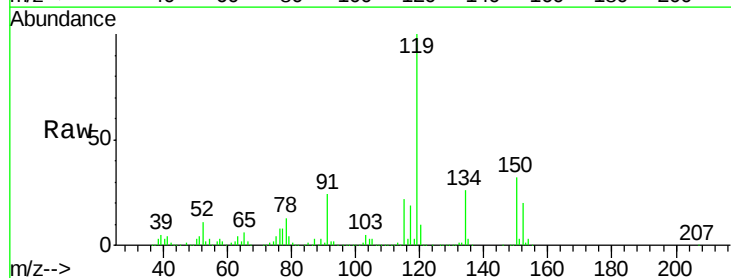
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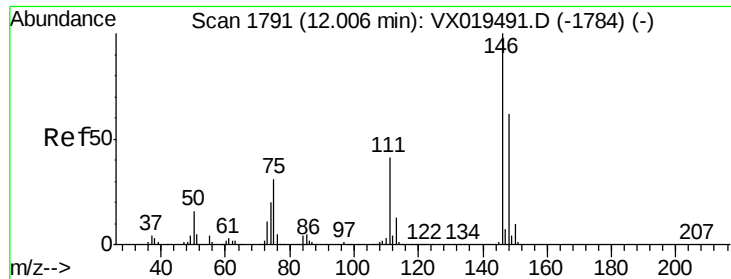
MMDadoda
 11/23/2020 3:50:32 PM



#86
 p-Isopropyltoluene
 Concen: 18.668 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. -0.00 min
 Lab File: VX019490.D
 Acq: 20 Nov 2020 10:30

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.6	13.1	39.3
91	23.9	11.8	35.4





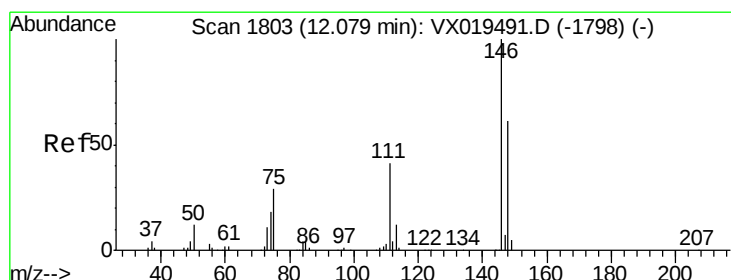
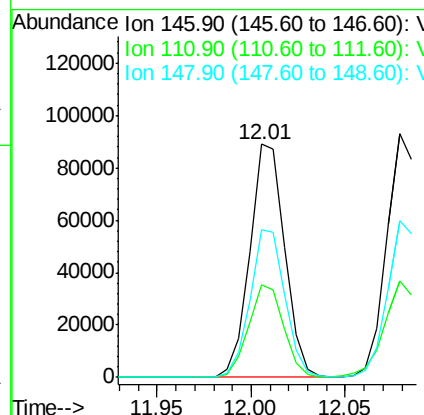
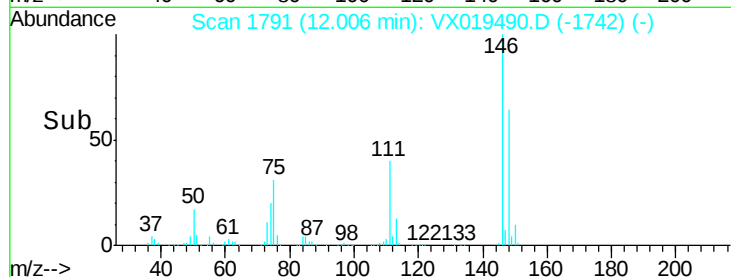
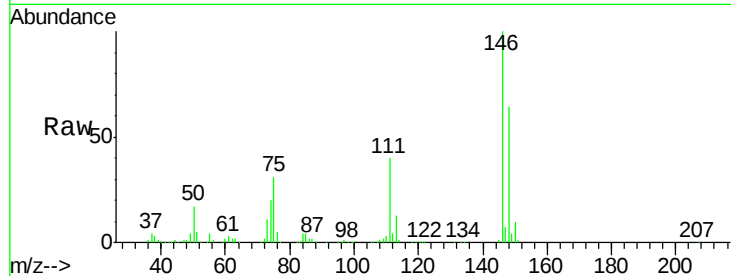
#87
 1,3-Dichlorobenzene
 Concen: 18.329 ug/l
 RT: 12.01 min Scan# 1791
 Delta R.T. -0.00 min
 Lab File: VX019490.D
 Acq: 20 Nov 2020 10:30

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.6	20.2	60.6
148	63.2	31.4	94.2

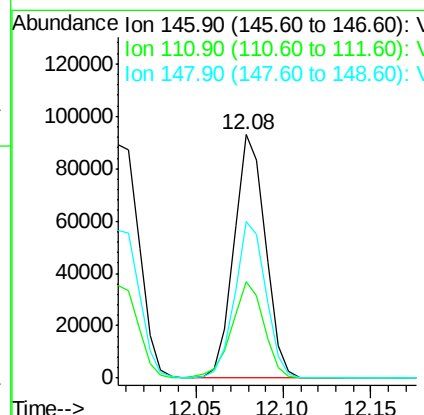
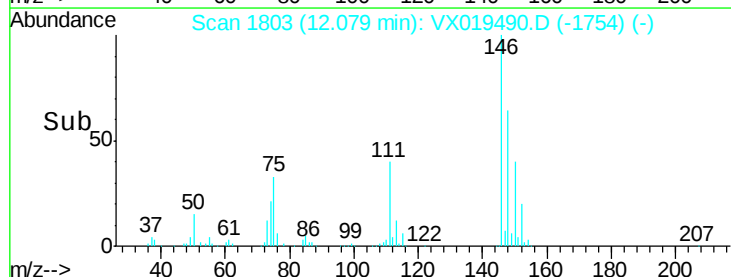
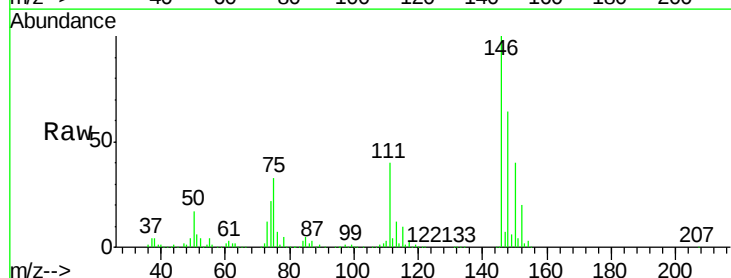
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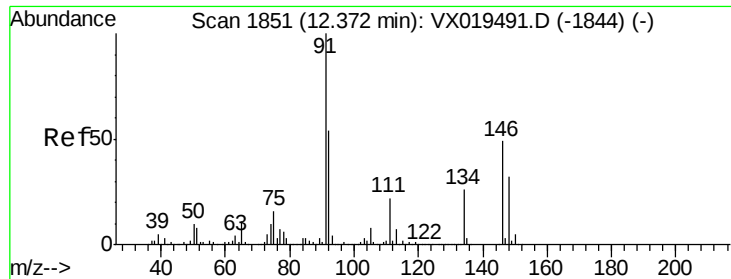
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#88
 1,4-Dichlorobenzene
 Concen: 17.993 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VX019490.D
 Acq: 20 Nov 2020 10:30

Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.0	19.9	59.6
148	63.9	31.7	95.1





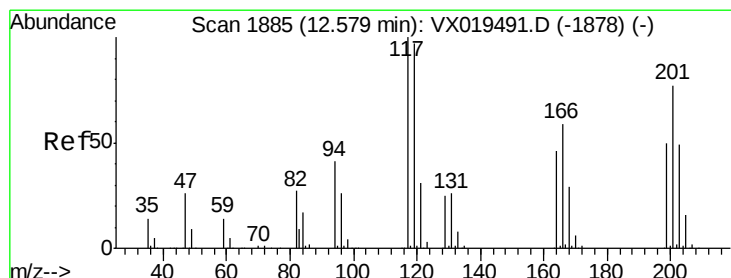
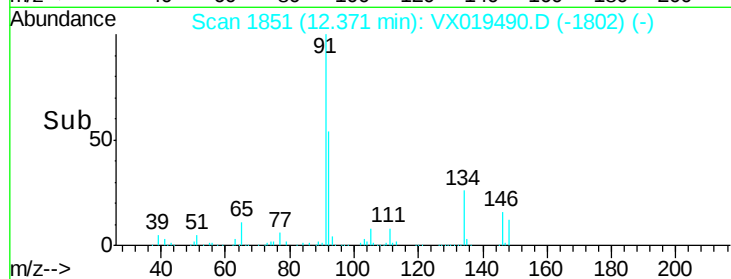
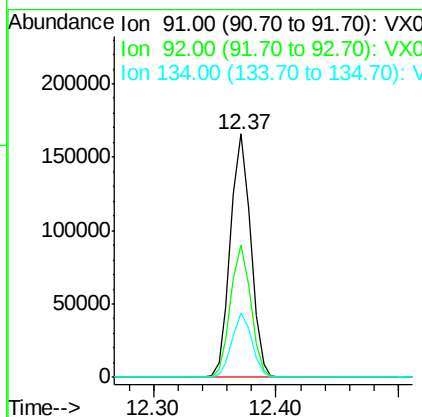
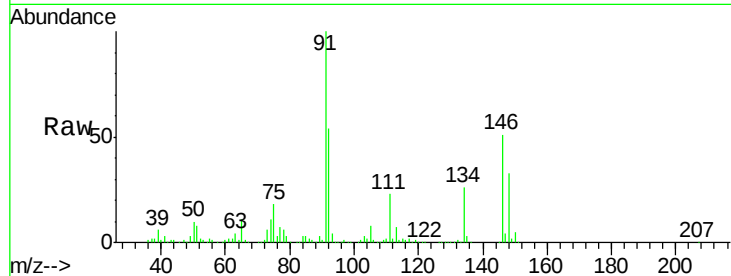
#89
n-Butylbenzene
Concen: 17.992 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX019490.D
Acq: 20 Nov 2020 10:30

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Resp	Lower	Upper
91	100	189896		
92	54.3		26.9	80.6
134	25.8		12.9	38.6

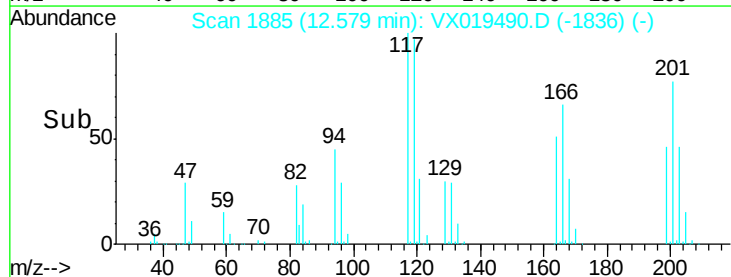
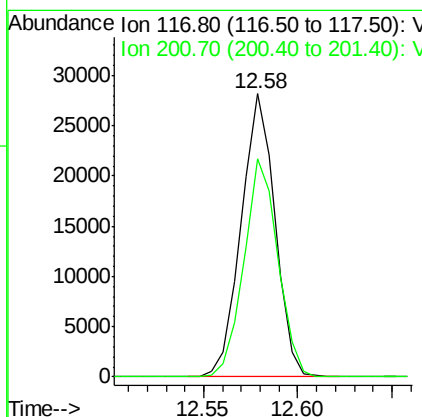
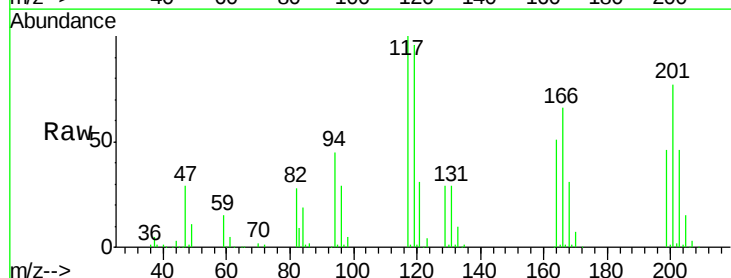
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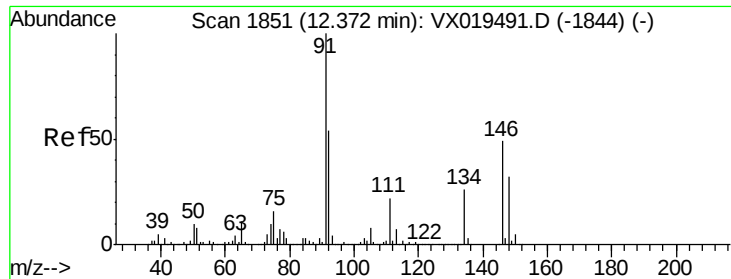
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#90
Hexachloroethane
Concen: 17.925 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX019490.D
Acq: 20 Nov 2020 10:30

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	35017		
201	77.5		39.4	118.2





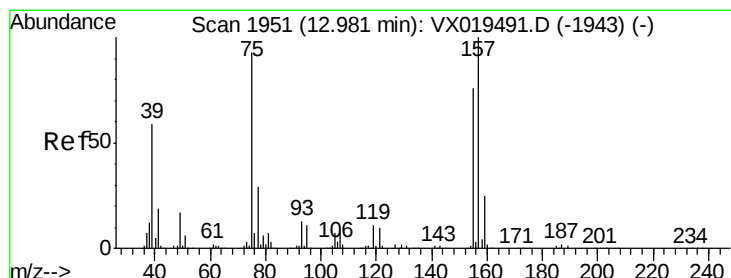
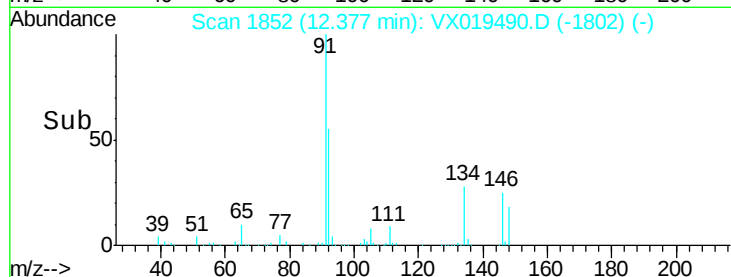
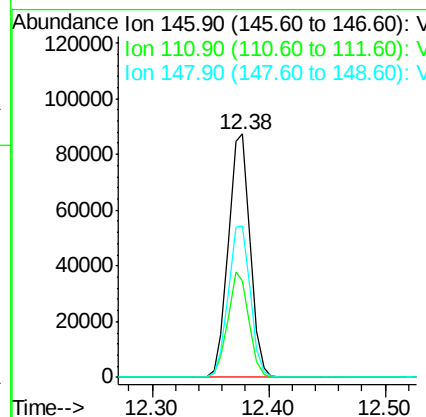
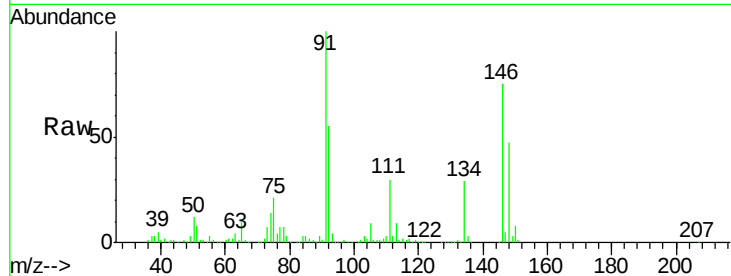
#91
 1,2-Dichlorobenzene
 Concen: 17.995 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. 0.01 min
 Lab File: VX019490.D
 Acq: 20 Nov 2020 10:30

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

Tot Ion	Ratio	Resp	Lower	Upper
146	100			
111	41.6	21.1	63.3	
148	63.2	32.4	97.0	

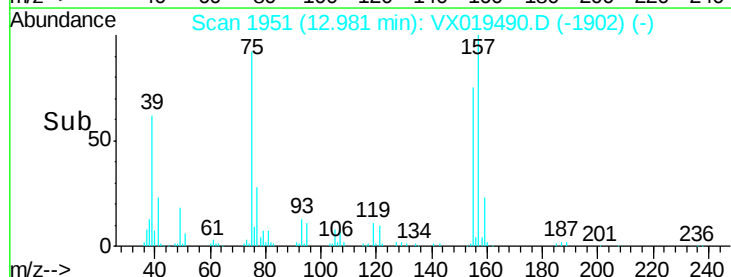
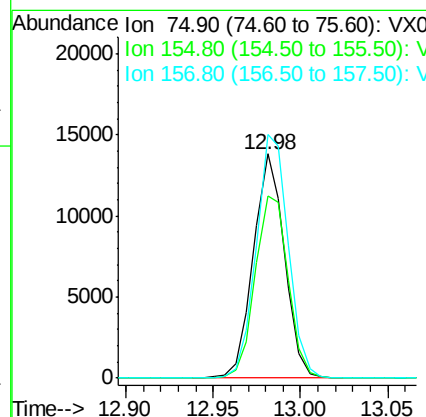
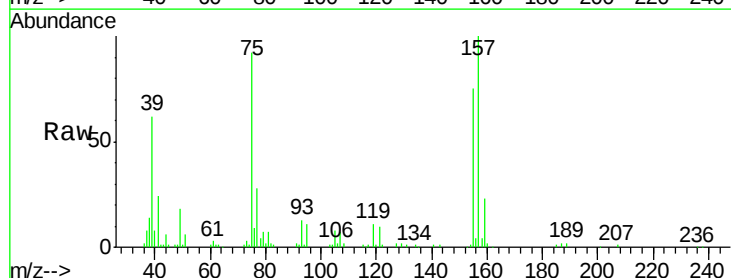
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 17.679 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. -0.00 min
 Lab File: VX019490.D
 Acq: 20 Nov 2020 10:30

Tgt Ion	Ratio	Resp	Lower	Upper
75	100			
155	86.0	43.6	130.9	
157	112.3	57.0	170.8	





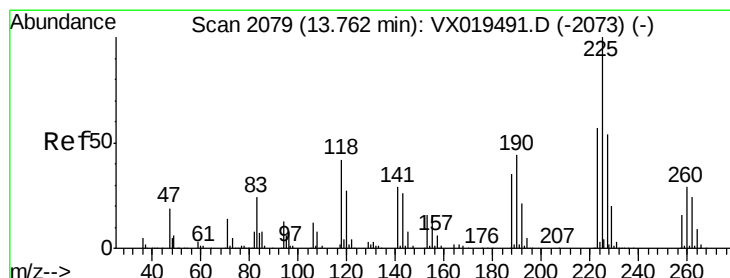
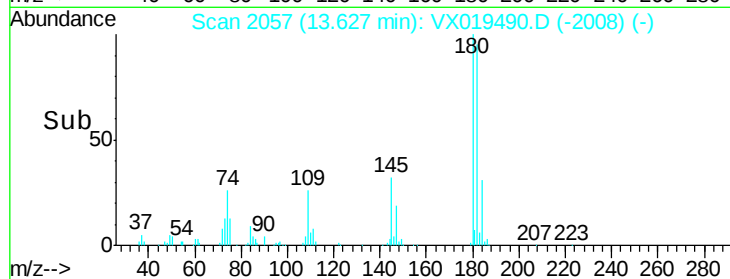
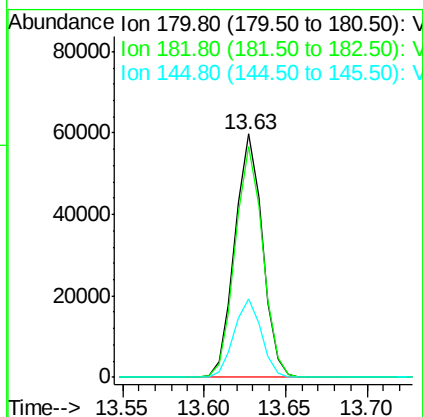
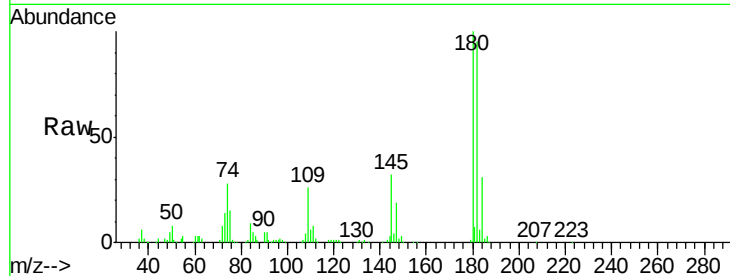
#93
 1,2,4-Trichlorobenzene
 Concen: 17.544 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX019490.D
 Acq: 20 Nov 2020 10:30

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

Tot Ion	Ratio	Resp	Lower	Upper
180	100	70634		
182	95.2		48.6	145.9
145	31.9		15.9	47.7

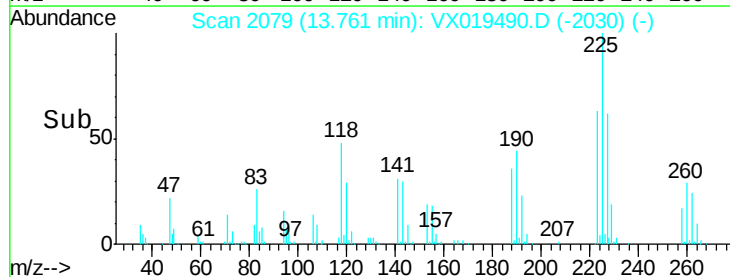
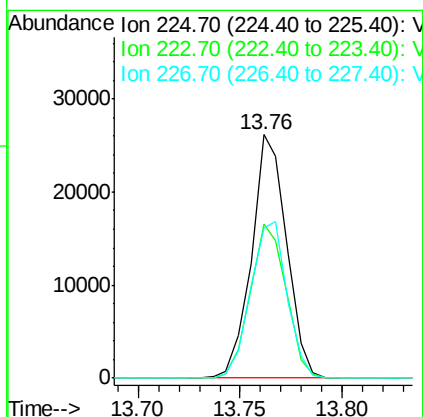
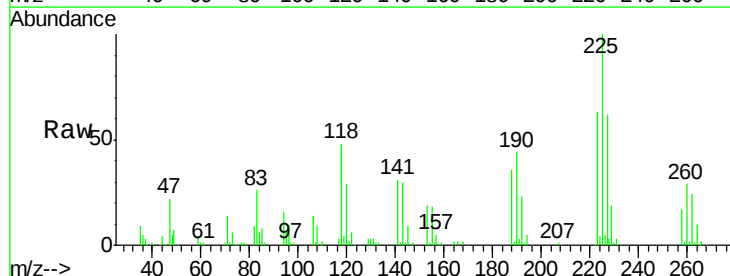
Manual Integrations
 APPROVED

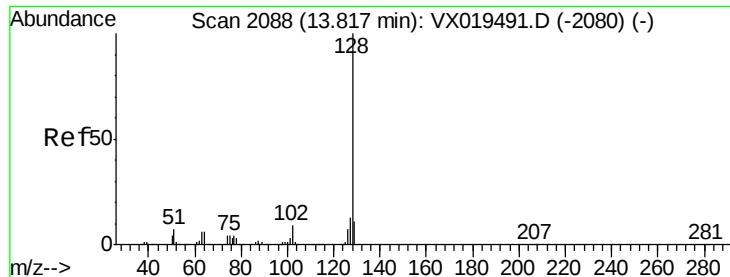
MMDadoda
 11/23/2020 3:50:32 PM



#94
 Hexachlorobutadiene
 Concen: 17.040 ug/l
 RT: 13.76 min Scan# 2079
 Delta R.T. -0.00 min
 Lab File: VX019490.D
 Acq: 20 Nov 2020 10:30

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	31252		
223	65.0		32.5	97.5
227	66.9		32.8	98.3





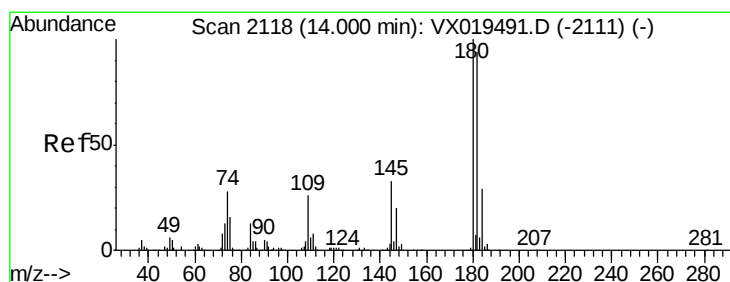
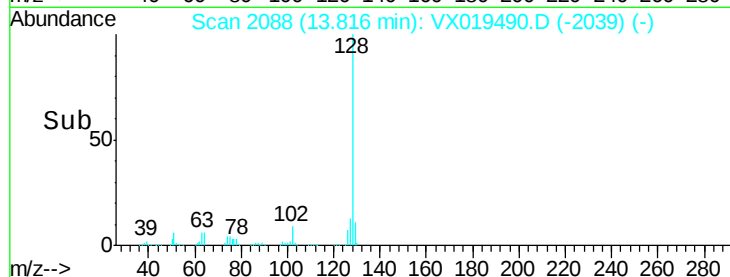
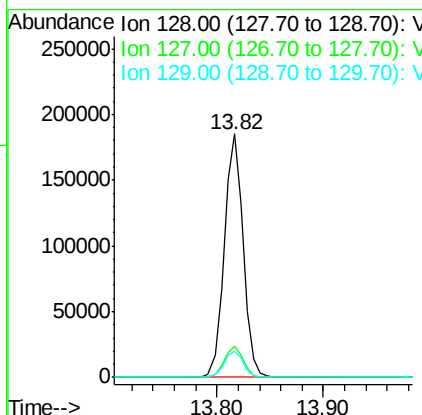
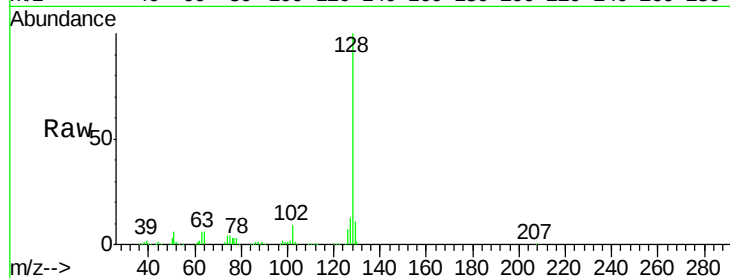
#95
Naphthalene
Concen: 18.282 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. -0.00 min
Lab File: VX019490.D
Acq: 20 Nov 2020 10:30

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.3	15.5
129	10.9	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
11/23/2020 3:50:32 PM



#96
1,2,3-Trichlorobenzene
Concen: 17.991 ug/l
RT: 14.00 min Scan# 2118
Delta R.T. -0.00 min
Lab File: VX019490.D
Acq: 20 Nov 2020 10:30

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.8	48.1	144.3
145	33.2	16.6	49.8

